



ISOCLIMA

Specialty Glass, LLC

SPEC SHEETS

2026

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PRODUCT NAME:		9/16" ACCESSGARD®		
PRODUCT CODE:		2118 ACCESSGARD 2118		
CONSTRUCTION:		This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.		
PERFORMANCE TESTING:		FORCED ENTRY: ASTM F3561-22 Level 8 ASTM F1233-08 Class 1.4 Body Passage / Class 1.3 Contraband 5-aa1 rated for 16 minutes		
		BULLET RESISTANT: NIJ 0108.01 Level II 5 shots 9mm FMJ Protection NIJ 0108.01 Level IIA 5 shots 9mm FMJ Protection Tested to H.P. White Level A for Bullet Resistance (3 shots from a .38 Special. Spall, No Penetration)		
THICKNESS:	THICKNESS	.527"		
TOLERANCE:	WEIGHT:	.479"-.573"		
MINIMUM	SIZE:	4.95 lbs/ft ²		
MAXIMUM	SIZE:	10" x 10"		
OPTIONS:		60 x 96"		
		Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>		
TECHNICAL DATA:		Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)
		0.807	0.726	0.841
APPLICABLE STANDARDS:		ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)
SINGLE RESPONSIBILITY:		Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.		
INSTALLATION:		All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 1/4" Bite: 1/2"		

PRODUCT NAME:	UL LEVEL 1-AIR GAP (AG) UNIT			
PRODUCT CODE:	IC-1			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.0915"			
THICKNESS TOLERANCE:				
WEIGHT:	7.33 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.67	0.61	0.48	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 1-AIR GAP (AG) UNIT			
PRODUCT CODE:	IC-111.5			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.883"			
THICKNESS TOLERANCE:				
WEIGHT:	5.65 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.69	0.65	0.48	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 2-AIR GAP (AG) UNIT			
PRODUCT CODE:	IC-221.5			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.112"			
THICKNESS TOLERANCE:				
WEIGHT:	8.99 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.67	0.59	0.48	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 3-AIR GAP (AG) UNIT			
PRODUCT CODE:	IC-322			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.220"			
THICKNESS TOLERANCE:				
WEIGHT:	9.64 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.63	0.58	0.46	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 4 AIR GAP (AG) UNIT			
PRODUCT CODE:	IC-433			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.795"			
THICKNESS TOLERANCE:				
WEIGHT:	14.84 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	0.54	0.49	0.41	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 8-AIR GAP (AG) UNIT			
PRODUCT CODE:	IC-830			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	3.01"			
THICKNESS TOLERANCE:				
WEIGHT:	27.21 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.48	0.44	0.36	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:		ARMORGARD™ BULLET RESISTANT GLASS			
PRODUCT CODE:		BRX16/BRAR15			
CONSTRUCTION:		BRX16/BRAR15 is a bullet resistant laminated glass construction that uses a proprietary arrangement of transparent materials. This product was developed in response to frequent inquiries for a tested product that can safely withstand impacts from an AR-15 style rifle.			
PERFORMANCE TESTING:		BS EN 1063 Class BR5 "S" (+ Protection against AR15/5.56 caliber threats) Three shots 5.56x45 M855 on 120mm triangle			
THICKNESS: THICKNESS		1.69"			
TOLERANCE: WEIGHT:		1.587-1.811"			
MINIMUM SIZE:		17.0 lbs./ft²			
MAXIMUM SIZE:		12x12"			
OPTIONS:		60 x 96"			
		Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:		Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
		70.1	0.554	0.745	
APPLICABLE STANDARDS:		ASTM C1036 ASTM C1349 ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) ASTM C1048			
SINGLE RESPONSIBILITY:		Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:		All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	ARMORGARD™ Ultimate ASTM F1233 FORCED ENTRY/NIJ IIIA BULLET RESISTANT SECURITY LAMINATE (FE/BR)			
PRODUCT CODE:	SP3A13			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.3"			
THICKNESS TOLERANCE:	1.159-1.350"			
WEIGHT:	12.28 lbs/ft²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.683	0.666	0.644	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 1 - BULLET RESISTANT GLASS			
PRODUCT CODE:	BR-113			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.295"			
THICKNESS TOLERANCE:	1.209-1.381"			
WEIGHT:	16.05 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.78	0.67	0.85	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 2 - BULLET RESISTANT GLASS			
PRODUCT CODE:	BR-155			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.812"			
THICKNESS TOLERANCE:	1.691-1.935"			
WEIGHT:	22.51 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.74	0.64	0.75	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 3 - BULLET RESISTANT GLASS			
PRODUCT CODE:	BR-233			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.136"			
THICKNESS TOLERANCE:	1.992-2.279"			
WEIGHT:	26.38 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.71	0.61	0.74	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	3/8" CHILDGARD®			
PRODUCT CODE:	CHILDGARD			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	FORCED ENTRY:			
	ASTM F3561-22 Level 8			
	ASTM F1233-08 Class 1.4 Body Passage / Class 1.3 Contraband			
	5-aa1 rated to 10 minutes 1 seconds			
	UL 972 Listed for Burglary Resistance			
THICKNESS: THICKNESS	.404"			
TOLERANCE: WEIGHT:	.380"-.426"			
MINIMUM SIZE:	4.18 lbs/ft²			
MAXIMUM SIZE:	10" x 10"			
OPTIONS:	60 x 96" or 40" x 102"			
	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.819	0.731	0.921	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1172 ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II) ASTM C1048			
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 1/4" Bite: 1/2"			

PRODUCT NAME:		9/16" CHILDGARD® 2118		
PRODUCT CODE:		CHILDGARD 2118		
CONSTRUCTION:		This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.		
PERFORMANCE TESTING:		FORCED ENTRY: ASTM F3561-22 Level 8 ASTM F1233-08 Class 1.4 Body Passage / Class 1.3 Contraband 5-aa1 rated for 16 minutes		
		BULLET RESISTANT: NIJ 0108.01 Level II 5 shots 9mm FMJ Protection NIJ 0108.01 Level IIA 5 shots 9mm FMJ Protection Tested to H.P. White Level A for Bullet Resistance (3 shots from a .38 Special. Spall, No Penetration)		
THICKNESS:	THICKNESS	.527"		
TOLERANCE:	WEIGHT:	.479"-.573"		
MINIMUM	SIZE:	4.95 lbs/ft ²		
MAXIMUM	SIZE:	10" x 10"		
OPTIONS:		60 x 96"		
		Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>		
TECHNICAL DATA:		Visible Light Transmission (VLT) 0.807	Solar Heat Gain Coefficient (SHGC) 0.726	U-Value (BTU/hr*ft ² * °F) 0.841
		<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>		
APPLICABLE STANDARDS:		ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)
SINGLE RESPONSIBILITY:		Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.		
INSTALLATION:		All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 1/4" Bite: 1/2"		

PRODUCT NAME:		1.154" SOLARBAN™ 60 ON GRAY #2 FT (3/8" BLACK LPD) CHILDGARD® 2118		
PRODUCT CODE:		CHILDGARD 2118 IGU		
CONSTRUCTION:		This is a glass laminate IGU, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.		
PERFORMANCE TESTING:		FORCED ENTRY: ASTM F3561-22 Level 8 ASTM F1233-08 Class 1.4 Body Passage / Class 1.3 Contraband 5-aa1 rated for 16 minutes BULLET RESISTANT: NIJ 0108.01 Level II 5 shots 9mm FMJ Protection NIJ 0108.01 Level IIA 5 shots 9mm FMJ Protection Tested to H.P. White Level A for Bullet Resistance (3 shots from a .38 Special. Spall, No Penetration)		
THICKNESS:	THICKNESS	1.154"		
TOLERANCE:	WEIGHT:	1.088"-1.217"		
MINIMUM	SIZE:	8.22 lbs/ft ²		
MAXIMUM	SIZE:	12x12"		
OPTIONS:		60 x 96"		
		Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>		
TECHNICAL DATA:		Visible Light Transmission (VLT) 0.321	Solar Heat Gain Coefficient (SHGC) 0.252	U-Value (BTU/hr*ft ² * °F) 0.298
		<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>		
APPLICABLE STANDARDS:		ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)
SINGLE RESPONSIBILITY:		Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.		
INSTALLATION:		All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 1/4" Bite: 1/2"		

PRODUCT NAME:	LEXGARD® MP 1000		
PRODUCT CODE:	MP 1000		
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.		
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection		
THICKNESS:	1.03"		
THICKNESS TOLERANCE:	.930-1.130"		
WEIGHT:	6.41 lbs./ft ²		
MINIMUM SIZE:	12x12"		
MAXIMUM SIZE:	60x96"		
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>		
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)
	0.65	0.88	0.68
*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time			
APPLICABLE STANDARDS:	ASTM C1036	ASTM C 1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.		
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"		

PRODUCT NAME:	LEXGARD® MP 750			
PRODUCT CODE:	MP 750			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.766"			
THICKNESS TOLERANCE:	.960-.842"			
WEIGHT:	4.76 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	0.8	0.78	0.67	
APPLICABLE STANDARDS:				
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® MPC 375			
PRODUCT CODE:	MPC 375			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.369"			
THICKNESS TOLERANCE:	.332-.406"			
WEIGHT:	2.29 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	0.77	0.92	0.84	
APPLICABLE STANDARDS:				
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® MPC 500			
PRODUCT CODE:	MPC 500			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.486"			
THICKNESS TOLERANCE:	.138-.534"			
WEIGHT:	3.04 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	0.72	0.90	0.77	
APPLICABLE STANDARDS:				
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® RC 750			
PRODUCT CODE:	RC 750			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.766"			
THICKNESS TOLERANCE:	.690-.842"			
WEIGHT:	4.76 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	0.65	0.88	0.68	
APPLICABLE STANDARDS:				
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® RS 1250			
PRODUCT CODE:	RS 1250			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.28"			
THICKNESS TOLERANCE:	1.15-1.41"			
WEIGHT:	7.97 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.71	0.75	0.55	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C 1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® SP 1250			
PRODUCT CODE:	SP 1250			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.28"			
THICKNESS TOLERANCE:	1.15-1.41"			
WEIGHT:	7.97 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.63	0.83	0.53	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C 1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/2" Clear INFERNOGARD® 90-2114			
PRODUCT CODE:	INFERNOGARD 90-2114			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.43"			
THICKNESS TOLERANCE:	2.26-2.62"			
WEIGHT:	19.3 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 3/8" CLEAR INFERNOGARD® 90-2115			
PRODUCT CODE:	INFERNOGARD 90-2115			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.1325"			
THICKNESS TOLERANCE:	2.17-2.50"			
WEIGHT:	18.6 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 5/16' CLEAR INFERNOGARD® 90-2116			
PRODUCT CODE:	INFERNOGARD 90-2116			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.27"			
THICKNESS TOLERANCE:	2.14-2.47"			
WEIGHT:	18.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2-5/32" CLEAR INFERNOGARD® 90-2117			
PRODUCT CODE:	INFERNOGARD 90-2117			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.12"			
THICKNESS TOLERANCE:	2-2.30"			
WEIGHT:	17.5 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
	ASTM C1048	ASTM C1422	NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel.			
	Recommended Clearance:			
	Face:	1/8" per side		
	Edge:	3/8"		
	Bite:	1"		

PRODUCT NAME:	2 1/16" CLEAR INFERNOGARD® 90-2119			
PRODUCT CODE:	INFERNOGARD 90-2119			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.02"			
THICKNESS TOLERANCE:	1.91-2.19"			
WEIGHT:	16.9 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	3 31/32" CLEAR INFERNOGARD® 90-DBP08			
PRODUCT CODE:	INFERNOGARD 90-DBP08			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	3.97"			
THICKNESS TOLERANCE:	3.71-4.25"			
WEIGHT:	39.2 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 NFPA 80	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/8" CLEAR INFERNOGARD® 90-PSYCH 2118			
PRODUCT CODE:	INFERNOGARD 90-PSYCH 2118			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.12"			
THICKNESS TOLERANCE:	1.96-2.25"			
WEIGHT:	17.2 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C 1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 5/16" CLEAR INFERNOGARD® 90-SP019			
PRODUCT CODE:	INFERNOGARD 90-SP019			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.26"			
THICKNESS TOLERANCE:	2.13-2.46"			
WEIGHT:	18.4 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C 1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 13/16" CLEAR INFERNOGARD® 90-SP035			
PRODUCT CODE:	INFERNOGARD 90-SP035			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.78"			
THICKNESS TOLERANCE:	2.61-3.01			
WEIGHT:	23.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 7/16" CLEAR INFERNOGARD® 90-SP188			
PRODUCT CODE:	INFERNOGARD 90-SP188			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.44"			
THICKNESS TOLERANCE:	2.28-2.60"			
WEIGHT:	21.9 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/2" CLEAR INFERNOGARD® 90-SP293			
PRODUCT CODE:	INFERNOGARD 90-SP293			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.53"			
THICKNESS TOLERANCE:	2.37-2.70"			
WEIGHT:	23.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 9/16" CLEAR INFERNOGARD® 90-SP028			
PRODUCT CODE:	INFERNOGARD 90-SP028			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.52"			
THICKNESS TOLERANCE:	2.36-2.74"			
WEIGHT:	20.0 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 5/8" CLEAR INFERNOGARD® 90-SP311			
PRODUCT CODE:	INFERNOGARD 90-SP311			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.65"			
THICKNESS TOLERANCE:	2.48-2.83"			
WEIGHT:	25.1 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 13/16" CLEAR INFERNOGARD® 90-SP412			
PRODUCT CODE:	INFERNOGARD 90-SP412			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.77"			
THICKNESS TOLERANCE:	2.61-2.99"			
WEIGHT:	26.8 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 15/16" CLEAR INFERNOGARD® 90-SP513			
PRODUCT CODE:	INFERNOGARD 90-SP513			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.95"			
THICKNESS TOLERANCE:	2.75-3.15"			
WEIGHT:	28.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/16" CLEAR INFERNOGARD® 60-2114			
PRODUCT CODE:	INFERNOGARD 2114			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.0625"			
THICKNESS TOLERANCE:	1.88-2.24"			
WEIGHT:	16.29 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 50	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 31/32" CLEAR INFERNOGARD® 60-2115			
PRODUCT CODE:	INFERNOGARD 60-2115			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.96"			
THICKNESS TOLERANCE:	1.79-2.13"			
WEIGHT:	15.59 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 15/16" CLEAR INFERNOGARD® 60-2116			
PRODUCT CODE:	INFERNOGARD 60-2116			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.90"			
THICKNESS TOLERANCE:	1.77-2.10"			
WEIGHT:	15.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 3/4" CLEAR INFERNOGARD® 60-2117			
PRODUCT CODE:	INFERNOGARD 60-2117			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.75"			
THICKNESS TOLERANCE:	1.63-1.93"			
WEIGHT:	14.5 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
	ASTM C1048	ASTM C1422	NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel.			
	Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 11/16" CLEAR INFERNOGARD® 60-2119			
PRODUCT CODE:	INFERNOGARD 60-2119			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.64"			
THICKNESS TOLERANCE:	1.53-1.81"			
WEIGHT:	13.9 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
	ASTM C1048	ASTM C1422	NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel.			
	Recommended Clearance:			
	Face:	1/8" per side		
	Edge:	3/8"		
	Bite:	1"		

PRODUCT NAME:	3 9/16" CLEAR INFERNOGARD® 60-DBP08			
PRODUCT CODE:	INFERNOGARD 60-DBP08			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	3.52"			
THICKNESS TOLERANCE:	3.33-3.87"			
WEIGHT:	36.2 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 NFPA 80	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 3/4" CLEAR INFERNOGARD® 60-PSYCH 2118			
PRODUCT CODE:	INFERNOGARD 60-PSYCH 2118			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.73"			
THICKNESS TOLERANCE:	1.59-1.88"			
WEIGHT:	14.2 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 15/16" CLEAR INFERNOGARD® 60-SP019			
PRODUCT CODE:	INFERNOGARD 60-SP019			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.89"			
THICKNESS TOLERANCE:	1.75-2.08"			
WEIGHT:	15.4 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 3/16" CLEAR INFERNOGARD® 60-SP028			
PRODUCT CODE:	INFERNOGARD 60-SP028			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.18"			
THICKNESS TOLERANCE:	1.99-2.37"			
WEIGHT:	17.0 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 7/16" CLEAR INFERNOGARD® 60-SP035			
PRODUCT CODE:	INFERNOGARD 60-SP035			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.40"			
THICKNESS TOLERANCE:	2.23-2.63."			
WEIGHT:	20.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/16" CLEAR INFERNOGARD® 60-SP188			
PRODUCT CODE:	INFERNOGARD 60-SP188			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.06"			
THICKNESS TOLERANCE:	1.90-2.23"			
WEIGHT:	18.9 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 5/32" CLEAR INFERNOGARD® 60-SP293			
PRODUCT CODE:	INFERNOGARD 60-SP293			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.13"			
THICKNESS TOLERANCE:	1.99-2.33"			
WEIGHT:	20.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 5/16" CLEAR INFERNOGARD® 60-SP311			
PRODUCT CODE:	INFERNOGARD 60-SP311			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.25"			
THICKNESS TOLERANCE:	2.11-2.45			
WEIGHT:	22.1 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 7/16" CLEAR INFERNOGARD® 60-SP412			
PRODUCT CODE:	INFERNOGARD 60-SP412			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.40"			
THICKNESS TOLERANCE:	2.24-2.62"			
WEIGHT:	23.8 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 9/16" CLEAR INFERNOGARD® 60-SP513			
PRODUCT CODE:	INFERNOGARD 60-SP513			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.58"			
THICKNESS TOLERANCE:	2.38-2.78"			
WEIGHT:	25.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 11/16" CLEAR INFERNOGARD® 45-2114			
PRODUCT CODE:	INFERNOGARD 45-2114			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.68"			
THICKNESS TOLERANCE:	1.51-1.87"			
WEIGHT:	15.30 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1-5/8" CLEAR INFERNOGARD® 45-2115			
PRODUCT CODE:	INFERNOGARD 45-2115			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.59"			
THICKNESS TOLERANCE:	1.42-1.75"			
WEIGHT:	14.59 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 9/16" CLEAR INFERNOGARD® 45-2116			
PRODUCT CODE:	INFERNOGARD 45-2116			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.53"			
THICKNESS TOLERANCE:	1.39-1.72"			
WEIGHT:	14.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 3/8" CLEAR INFERNOGARD® 45-2117			
PRODUCT CODE:	INFERNOGARD 45-2117			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.40"			
THICKNESS TOLERANCE:	1.25-1.55			
WEIGHT:	13.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 5/16" CLEAR INFERNOGARD® 45-2119			
PRODUCT CODE:	INFERNOGARD 45-2119			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.3125"			
THICKNESS TOLERANCE:	1.16-1.44"			
WEIGHT:	12.9 lbs.ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
	ASTM C1048	ASTM C1422	NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel.			
	Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	3 7/32" CLEAR INFERNOGARD® 45-DBP08			
PRODUCT CODE:	INFERNOGARD 45-DBP08			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	3.22"			
THICKNESS TOLERANCE:	2.96-3.50"			
WEIGHT:	35.2 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 NFPA 80	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 3/8" CLEAR INFERNOGARD® 45-PSYCH 2118			
PRODUCT CODE:	INFERNOGARD 45-PSYCH 2118			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.36"			
THICKNESS TOLERANCE:	1.21-1.50"			
WEIGHT:	13.2 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 NFPA 80	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 9/16" CLEAR INFERNOGARD® 45-SP019			
PRODUCT CODE:	INFERNOGARD 45-SP019			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.51"			
THICKNESS TOLERANCE:	1.38-1.71"			
WEIGHT:	14.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 13/16" CLEAR INFERNOGARD® 45-SP028			
PRODUCT CODE:	INFERNOGARD 45-SP028			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.81"			
THICKNESS TOLERANCE:	1.61-1.99"			
WEIGHT:	16.0 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/16" CLEAR INFERNOGARD® 45-SP035			
PRODUCT CODE:	INFERNOGARD 45-SP035			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.06"			
THICKNESS TOLERANCE:	1.86-2.26"			
WEIGHT:	19.5 lbs./ft ²			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft ² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact) NFPA 80	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 11/16" CLEAR INFERNOGARD® 45-SP188			
PRODUCT CODE:	INFERNOGARD 45-SP188			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.69"			
THICKNESS TOLERANCE:	1.53"			
WEIGHT:	1.85"			
MINIMUM SIZE:	17.9 lbs./ft2			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 3/4" CLEAR INFERNOGARD® 45-SP293			
PRODUCT CODE:	INFERNOGARD 45-SP293			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.75"			
THICKNESS TOLERANCE:	1.62-1.95"			
WEIGHT:	19.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	1 7/8" CLEAR INFERNOGARD® 45-SP311			
PRODUCT CODE:	INFERNOGARD 45-SP311			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.87"			
THICKNESS TOLERANCE:	1.73-2.08"			
WEIGHT:	21.1 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 1/16" CLEAR INFERNOGARD® 45-SP412			
PRODUCT CODE:	INFERNOGARD 45-SP412			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.02"			
THICKNESS TOLERANCE:	1.86-2.24"			
WEIGHT:	22.8 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	2 3/16" CLEAR INFERNOGARD® 45-SP513			
PRODUCT CODE:	INFERNOGARD 45-SP513			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.17"			
THICKNESS TOLERANCE:	2.00-2.40"			
WEIGHT:	24.4 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	N/A	N/A	N/A	
APPLICABLE STANDARDS:	ASTM C1036 NFPA 80	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	NIJ LEVEL IIA - BULLET RESISTANT GLASS			
PRODUCT CODE:	BR-113 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.295"			
THICKNESS TOLERANCE:	1.209-1.381"			
WEIGHT:	16.05 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.78	0.67	0.85	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® MP750			
PRODUCT CODE:	MP750 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.766"			
THICKNESS TOLERANCE:	.690-.842"			
WEIGHT:	4.76 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.80	0.78	0.67	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	LEXGARD® SP 1250			
PRODUCT CODE:	SP 1250 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.28"			
THICKNESS TOLERANCE:	1.15-1.41"			
WEIGHT:	7.97 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.73	0.86	0.55	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	NIJ LEVEL IIA - SECUR-TEM + POLY®			
PRODUCT CODE:	SP175 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.681"			
THICKNESS TOLERANCE:	.634-.728"			
WEIGHT:	7.84 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.81	0.69	0.86	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	NIJ LEVEL IIA - SECUR-TEM + POLY®			
PRODUCT CODE:	SP188 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.861"			
THICKNESS TOLERANCE:	.797-.923"			
WEIGHT:	9.65 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.77	0.64	0.84	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	NIJ LEVEL IIIA - SECUR-TEM + POLY®			
PRODUCT CODE:	SP412 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.220"			
THICKNESS TOLERANCE:	1.130-1.310"			
WEIGHT:	14.5 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.75	0.6	0.81	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	NIJ LEVEL III - SECUR-TEM + POLY®			
PRODUCT CODE:	SPN316 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.572"			
THICKNESS TOLERANCE:	1.461-1.683"			
WEIGHT:	18.39 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.73	0.58	0.74	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	NIJ LEVEL IV - SECUR-TEM + POLY®			
PRODUCT CODE:	SPN420 NIJ			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.163"			
THICKNESS TOLERANCE:	2.010-2.316"			
WEIGHT:	25.3 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.64	0.54	0.68	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-LITE 3X			
PRODUCT CODE:	SL716-3X			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.495"			
THICKNESS TOLERANCE:	.453-.534"			
WEIGHT:	5.60 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.87	0.83	0.92	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			



PRODUCT NAME:	SECUR-LITE 4X®			
PRODUCT CODE:	SL916-4X			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.680"			
THICKNESS TOLERANCE:	.622-.734"			
WEIGHT:	6.52 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.86	0.79	0.88	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclimate Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-LITE 5X			
PRODUCT CODE:	SL1316-5X			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.865"			
THICKNESS TOLERANCE:	.791-.934"			
WEIGHT:	9.57 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.84	0.75	0.83	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	5/16" SECUR-LITE UL			
PRODUCT CODE:	SL516U			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.3125"			
THICKNESS TOLERANCE:	.284-.334"			
WEIGHT:	3.69 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.88	0.88	0.98	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	7/16" SECUR-LITE UL			
PRODUCT CODE:	SL716U			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.451"			
THICKNESS TOLERANCE:	.428-.480"			
WEIGHT:	5.324 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.683	0.666	0.644	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	9/16" SECUR-LITE UL			
PRODUCT CODE:	SL916U			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.554"			
THICKNESS TOLERANCE:	.519-.587"			
WEIGHT:	7.05 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.86	0.81	0.93	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1172	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM 3			
PRODUCT CODE:	SM3			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.554"			
THICKNESS TOLERANCE:	.507-.600"			
WEIGHT:	5.938 lb./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.86	0.71	0.89	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM 4			
PRODUCT CODE:	SM4			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.770"			
THICKNESS TOLERANCE:	.703-.833			
WEIGHT:	8.09 lbs/ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.85	0.77	0.83	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM 5			
PRODUCT CODE:	SM5			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.985"			
THICKNESS TOLERANCE:	.899-1.066"			
WEIGHT:	10.23 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.83	0.74	0.74	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SUPER SECUR-TEM 5			
PRODUCT CODE:	SSM5			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.105"			
THICKNESS TOLERANCE:	1.007-1.198"			
WEIGHT:	10.91 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.83	0.74	0.73	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1172 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 8 - SECUR-TEM + POLY®			
PRODUCT CODE:	DBP08			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	2.398"			
THICKNESS TOLERANCE:	2.225-2.570"			
WEIGHT:	26.92 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.57	0.53	0.60	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 1 - SECUR-TEM + POLY®			
PRODUCT CODE:	SP188			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.861"			
THICKNESS TOLERANCE:	.797-.923"			
WEIGHT:	9.65 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.77	0.64	0.84	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 2 - SECUR-TEM + POLY®			
PRODUCT CODE:	SP293			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.952"			
THICKNESS TOLERANCE:	.884-1.02"			
WEIGHT:	11.11 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	<i>*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time</i>
	0.78	0.63	0.84	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 3 - SECUR-TEM + POLY®			
PRODUCT CODE:	SP311			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.072"			
THICKNESS TOLERANCE:	.998-1.145"			
WEIGHT:	12.81 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.77	0.62	0.83	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 4 - SECUR-TEM + POLY®			
PRODUCT CODE:	SP412			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.22"			
THICKNESS TOLERANCE:	1.13-1.31"			
WEIGHT:	14.5 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.75	0.60	0.81	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 5 - SECUR-TEM + POLY®			
PRODUCT CODE:	SP513			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.372"			
THICKNESS TOLERANCE:	1.272-1.471"			
WEIGHT:	16.09 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.74	0.59	0.8	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	UL LEVEL 7 - SECUR-TEM + POLY®			
PRODUCT CODE:	SP719			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.932"			
THICKNESS TOLERANCE:	1.799-2.065"			
WEIGHT:	23.952 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.69	0.54	0.73	
APPLICABLE STANDARDS:	ASTM C1036	ASTM C1349	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY®2114			
PRODUCT CODE:	2114			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.856"			
THICKNESS TOLERANCE:	.776-.936"			
WEIGHT:	7.0 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.69	0.80	0.70	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® 2115			
PRODUCT CODE:	2115			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.754"			
THICKNESS TOLERANCE:	.684-.824"			
WEIGHT:	6.3 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.73	0.81	0.74	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® 2116			
PRODUCT CODE:	2116			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.7245"			
THICKNESS TOLERANCE:	.658-.791"			
WEIGHT:	6.2 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.73	0.80	0.76	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® 2117			
PRODUCT CODE:	2117			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.569"			
THICKNESS TOLERANCE:	.518-.620"			
WEIGHT:	5.22 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.77	0.83	0.82	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® 2119			
PRODUCT CODE:	2119			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.467"			
THICKNESS TOLERANCE:	.426-.508"			
WEIGHT:	4.58 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	382	0.84	0.88	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	9/16" PSYCH-2118			
PRODUCT CODE:	PSYCH2118			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.527"			
THICKNESS TOLERANCE:	.479-.573"			
WEIGHT:	4.95 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.82	0.73	0.84	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® SP019			
PRODUCT CODE:	SP019			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.7125"			
THICKNESS TOLERANCE:	.647-.778"			
WEIGHT:	6.1 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.73	0.81	0.75	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® SP028			
PRODUCT CODE:	SP028			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	.970"			
THICKNESS TOLERANCE:	.880-1.06"			
WEIGHT:	7.70 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.67	0.80	0.67	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			

PRODUCT NAME:	SECUR-TEM + POLY® SP035			
PRODUCT CODE:	SP035			
CONSTRUCTION:	This is a glass laminate, no exposed plastic (polycarbonate, PET, etc.). Exact Construction is Proprietary.			
PERFORMANCE TESTING:	ASTM F1233-21 Class 2.3 Contraband, Class 3.3 Body NIJ 0108.01 Level IIIA 5 shots 44 Magnum SWCGC + 5 shots 9mm FMJ Protection			
THICKNESS:	1.223"			
THICKNESS TOLERANCE:	1.124-1.327"			
WEIGHT:	11.2 lbs./ft2			
MINIMUM SIZE:	12x12"			
MAXIMUM SIZE:	60x96"			
OPTIONS:	Tinted glass, low iron glass, printed (spandrel and pattern screen printing) glass, low-e glass, reflective glass including transparent mirror, bird friendly, insulating glass units (IGU), switchable smart glass, tinted and translucent interlayers. <i>Please note some options may increase OA thickness.</i>			
TECHNICAL DATA:	Visible Light Transmission (VLT)	Solar Heat Gain Coefficient (SHGC)	U-Value (BTU/hr*ft² * °F)	*Transmittance values are calculated using LBNL Window & Optics Software with the latest database info available at the time
	0.65	0.75	0.64	
APPLICABLE STANDARDS:	ASTM C1036 ASTM C1048	ASTM C1349 ASTM C1422	ANSI Z97.1/CPSC 16 CFR 1201 (Cat I & II Impact)	
SINGLE RESPONSIBILITY:	Isoclima Specialty Glass, LLC and Global Security Glazing products are covered by our Single Responsibility™ Program that ensures one firm has handled and is accountable for all phases of manufacturing.			
INSTALLATION:	All glass should be installed in accordance with the guidelines set forth in the current edition of the Glass Association of North America (GANA) Glazing and Sealant Manuals. Glazing systems should incorporate a weep system to allow moisture and water to escape the glazing channel. Recommended Clearance: Face: 1/8" per side Edge: 3/8" Bite: 1"			



Download brochures
and spec sheets directly
from our website.



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