



Innovating Transparencies for the Aerospace World





The Company

As the world leader in high-performance transparent solutions, Isoclima is at the forefront of technological innovation, delivering unparalleled quality, precision, and protection. We specialize in crafting solutions that blend **complexity** and **customization** to meet the unique needs of our customers across Land, Air, and Sea.

With a steadfast commitment to **security**, **safety**, and **sustainability**, Isoclima sets new benchmarks in performance and craftsmanship. Through relentless investment in R&D, we drive transformative innovation, ensuring our solutions not only meet but exceed the demands of the most challenging applications.





What Sets Us Apart

Isoclima excels in providing **highly complex, customized solutions** that redefine what is possible in transparent technologies. From **curved glass** to ballistic protection and **optical precision**, our expertise spans a wide array of industries where safety, aesthetics, and performance converge.

Unified by a wealth of cross-sector knowledge and cutting-edge technologies, our solutions stand out for their ability to balance sophistication and function.



— Isoclima glass processing



— Isoclima glass processing



Our Global Reach

Isoclima partners with leading global brands—including Stellantis, Mercedes-Benz, BMW, and the VW-Audi Group—to deliver tailored solutions that combine **security and beauty** with uncompromising quality. Our ability to co-engineer bespoke solutions positions us as a trusted partner across markets with the highest standards.



— Aermacchi MB 339



Aerospace Excellence

In the aerospace sector, where safety and optical quality are paramount, Isoclina has built a legacy of excellence over decades. Our solutions meet the industry's most stringent specifications, providing unmatched reliability and performance.



— Agusta Westland AW169



Proprietary Know-How



Bird Strike Resistance:

In-house testing and advanced strengthening techniques ensure durability against high-impact collisions.



EMI Shielding:

Cutting-edge conductive mesh and nano-coatings for secure, interference-free performance.



De-Icing Systems:

Embedded systems for consistent functionality in extreme conditions.



Hard-Coating:

Enhanced abrasion resistance for lasting clarity and performance.



Complex Bending:

Industry-leading expertise in creating curved glass with perfect optical qualities.



Innovative Products

— IsoLite®

Transforming transparency with precision, IsoLite® integrates **PDLC film** for instant transitions between clear and opaque. Designed for industries like **automotive**, **marine**, and **architecture**, it offers superior **clarity**, **UV resistance**, and privacy at the touch of a switch.

— Cromalite®

Leveraging SPD technology, Cromalite® dynamically controls solar radiation, optimizing visibility and privacy. Its ability to reduce light transmission by up to 99% makes it ideal for automotive, marine, aerospace, and architectural applications.

— EmiGard®

For industries requiring data security and health protection, EmiGard® delivers unrivaled electromagnetic shielding while maintaining perfect clarity. Trusted in marine, aviation, and military sectors, it combines cutting-edge technology with rigorous certification standards.

— PC SECUR

A hallmark of resilience, PC SECUR products feature proprietary polycarbonate manufacturing methods enhanced with hard-coating, heating, and solar control systems, ensuring superior strength and performance.



A Purpose-Driven Approach to Sustainability

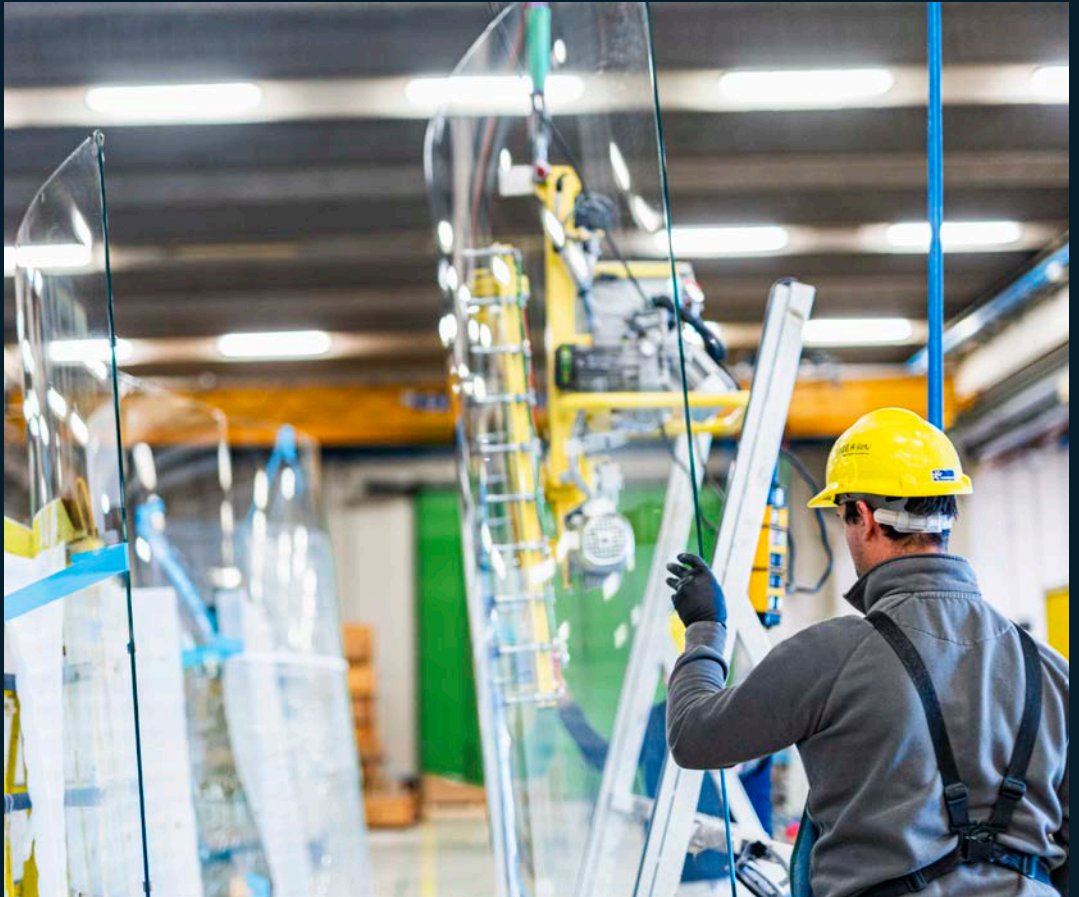
At Isoclima, **sustainability** is integral to our mission. We pioneer eco-conscious innovations that reduce environmental impact while delivering unparalleled performance. Examples include:

- **Solar radiation control systems** that filter UV and infrared rays, promoting energy efficiency.
- **Weight and thickness reduction** to decrease energy consumption without compromising durability.

By embracing ESG principles and continuously refining our solutions, we advance both **environmental protection and customer comfort**, ensuring a brighter, more sustainable future.



Unified Expertise Across Growing Sectors



Isoclima's strength lies in its ability to serve diverse industries—including **Leisure (Supercars)**, **Security (Civilian Armored Vehicles and Military)**, and **Sustainability (Rail and New Mobility)**—with a unified vision. Our solutions are not niches but pivotal drivers of innovation across these expanding sectors.

Our unique positioning in the upper echelon of transparent solutions enables us to address challenges across markets—from **Security Architecture** to **New Space Economy**—with unmatched precision and creativity. By leveraging decades of expertise, Isoclima remains the definitive partner for projects requiring exceptional transparency, safety, and aesthetic excellence.



www.isoclimagroup.com

