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Raymond Elementary School

Isoclima Specialty Glass's CHILDGARD® security glazing adds forced-entry resistance while preserving visibility in a historic school renovation.

The Project

Raymond Elementary School's renovation preserved the character of its original 1920s building while adding space for a growing student population. STUDIOS Architecture and MCN Build led the modernization, replacing a 1966 wing with a 50,000-square-foot addition containing classrooms, a library, and a gymnasium. The project also introduced a new entrance and increased the school's capacity to 590 students.

The project was featured on America ByDESIGN™: Designed for What Comes Next, produced in collaboration with The American Institute of Architects (AIA). The segment highlights how the renovation brought together historic preservation, security, daylighting, and energy performance.

Project Details

Location: Washington, D.C.

Project Type: School renovation and addition

Owner: District of Columbia Public Schools / D.C. Department of General Services

Architect: STUDIOS Architecture

Design-Build Contractor: MCN Build

Glazing Manufacturer: Isoclima Specialty Glass

Product: CHILDGARD® security glazing



Adding Protection While Maintaining Visibility

Raymond Elementary incorporated CHILDGARD® security glazing from Isoclima Specialty Glass. The laminated glass uses a proprietary security interlayer designed to resist sustained physical attack during a forced-entry attempt. Its transparent construction allows schools to add protection while maintaining sightlines through glazed openings.

Coordinating Security and Glass Performance

CHILDGARD® can be combined with low-emissivity and other high-performance glass options to address thermal performance and daylighting requirements alongside forced-entry resistance. The appropriate configuration depends on the opening and specified performance requirements, with doors, frames, hardware, anchors, and surrounding construction reviewed together.

Supporting Sustainability and Well-Being

Raymond Elementary achieved LEED® Gold certification and was designed to be net-zero-energy ready and to meet the WELL Building Standard™.





Scan the code to watch the Raymond Elementary feature and learn more about CHILDGARD® security glazing.

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