



Custom Screen Applied to Structure Reduces Cooling Costs, Saving Energy

Challenge: Fabricate a lightweight sun screen to diminish solar heat gain along with a clip system to fasten it to the existing structure.

When Harvard needed a sunscreen installed on the prestigious Maxwell Dworkin building, the design had to work with the existing structure and meet the architect's specification to a "T". Horizontal components of this sun screen were manufactured from extruded aluminum profiles. The architect wanted the verticals to appear to be matching extruded metal, however, due to the size of the vertical, an extruded shape was out of the question. Weiss uniquely crafted the verticals as a 2-piece construction which appeared as a single piece.

Heavy stainless plate brackets were developed by Weiss to secure the screen to the buildings facade.



Architect: Payette Associates
Contractor: Cheviot Corp.
Product: Painted Aluminum Sun Screen
Location: Cambridge, MA



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