

Prōtean

Construction Products, Inc.

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SS-310 Extruded Aluminum Sunscreen Systems

Extruded Aluminum Sunscreens are constructed using a variety of extruded aluminum shapes assembled with welded construction or with mechanical fasteners. The assembly can consist of stock shapes such as aluminum bars, tubes, angles, channels or can be totally custom shapes such as foils, fins or blades.

Extruded aluminum sunscreens are attached with outriggers attached to a buildings structural framing in a wide variety of methods. Sunscreen assemblies can also be attached directly to a curtainwall, sub-framing, or other building cladding material. Engineered to insure structural stability and compliance with design load requirements.

SS-310 Extruded Aluminum Sunscreen Systems

- Extruded Aluminum .080 - .125 thick
- Optional Aluminum material, please contact Protean
- Attachment to structure

Outrigger Material

- .25" Thick Aluminum
- .375" Thick Aluminum
- Cut on CNC Router to required design/function

Coatings and Colors

- Kynar 500 finishes, as selected
- Anodized finishes as selected
(exposed welds will anodize different from extruded aluminum due to variances in alloys)

Extruded Blades

- Square or Rectangular Tubes
- Round Tubes
- Airfoil Blades
- Mechanically Fastened to outriggers or welded connections

Panels Design Configurations

- Square or Rectangular Flat Panels
- Geometric Shaped Panels
- Curved or Radius Panels

Sunscreen Size limitations

- Maximum panel lengths Approx. 10'-0"
- Maximum panel width Approx. 48"

Testing Information Available - Performance Testing - Panel Assembly

A. Structural - ASTM specification E-330,