

# Alüm™ Horizontal Sunbreaker



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Alüm™ Horizontal Sunbreaker is designed for installation over windows or open façades, providing passive solar shading through horizontal blade structures that can be fixed or motorised. A Alüm™ sun breakers come in multiple design ranging from louvre, horizontal, vertical, and perforated, and also in blade profiles aerofoil, rectangular, and Z-shaped. Engineered for durability and design flexibility, Alüm™ sunbreakers are fabricated from high-grade aluminium alloys with a wide range of finishes to suit various architectural styles.

Installation



Section View

## Technical Specifications

Structure	Horizontal Blades, End Caps, Joiners, Mounting Brackets
Material	6063-T5 Aluminium Alloy
Finishing	Powder Coating, PVDF Powder Coating, PVDF Paint, Veneer Print
Blade Profile	Aerofoil, Rectangular, Z-shaped
Blade Width	100mm, 150mm, 200mm, 300mm
Blade Thickness	1.2mm - 2mm
Blade Orientation	Fixed or Adjustable
Blade Angle	Adjustable between 0° to 90°
Wind Load Resistance	Up to 2.5 kPa
Mounting Type	Cantilevered or Suspended from Top
Adjustability	Fixed or Motorised
Fire Classification	EN 13501-1 = Class A2 s1, d0