

Solar shading system

DUCO Ventilation & Sun Control

DucoSun Wing 500

Description

Permanent external shading system made of aluminium with movable blades. The DucoSun Wing is perforated and thus assures perfect harmony between solar shading and shadow. The large wing-shaped blade provides an urban design and, in addition to the standard perforation, is also available in other perforations on request. The blades are mounted on site in the supporting structure (horizontally or vertically). The blades are continuously adjustable thanks to the linear electric drive motor.

Version

Blade

- Blade type Wing 500
- Shape of blade wing
- Blade height 500 mm
- Blade width 115 mm
- Perforation Ø 10 mm, other perforations on request
- Inclination angle 0° to 90°, continuously adjustable

Mullion

- 60/100, fixing directly to the supporting structure

Motor

- Power supply 230 VAC, 50 Hz
- Current 0.55 A
- Electric power 126 W
- IP class IP65
- Cable length 2 m from actuator

Accessories

- Aluminum stop for mullion 60/100 available

Material and surface treatment

Blade

- Aluminium AlMg3
 Profile thickness: min. 1 mm
- Finish
 - Natural anodised (15-20 µm) according to Qualanod
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Mullion

- Aluminium EN AW-6063 T66 (EN 573-3)
 Profile thickness: min. 3 mm
- Finish
 - Natural anodised (15-20 µm) according to Qualanod
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Coverplate

- Aluminium AlMg3
 Lasered, 5 mm thick
- Finish
 - Natural anodised (15-20 µm) according to Qualanod
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Technical specifications

Strength calculation

According to EN 1990, EN 1991, EN 1999