

Solar shading system

DUCO Ventilation & Sun Control

DucoSun Ellips 300 Moveable

Description

Permanent external shading system made of aluminium with movable blades. 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 Ellips 300
- Shape of blade ellipse
- Blade height 300 mm
- Blade width 50 mm
- 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

- Aluminium stop for mullion 60/100 available

Material and surface treatment

Blade

- Aluminium EN AW-6063 T66 (EN 573-3)
 Profile thickness: min. 1,7 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