

Solar shading system

DUCO Ventilation & Sun Control

DucoSun Cubic 100x37 Intermediate

Description

Permanent external shading system made of aluminium. This variant of the Cubic 100 blade has a width of 37 mm. The blades are attached between assembly plates, creating a module. These modules are fixed between the supporting structure.

Version

Blade

- Blade type Cubic 100x37
- Shape of blade rectangular
- Blade height 100 mm
- Blade width 37 mm

Assembly plate

- Type Project-specific
- Inclination angle Project-specific

Blade fixation

- 4 x thread-forming screw DIN 7500-MZ M6 x 30

Assembly plate fixation

- The plates are provided with screw holes. For assembly plates, the screw holes may change according to the project.
- The blades with coverplates or modules are placed between the pre-assembled structure.
- Dilation is absorbed by neoprene washers.

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)

Assembly plate

- 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