

Solar shading system

DUCO Ventilation & Sun Control

DucoSun Cubic Design 500

Description

Permanent external shading system made of aluminium. The blades have a design surface texture and can be mounted at a fixed angle via coverplates at the end or with discreet wall brackets concealed in the back.

To create additional dynamics in the façade, optional LED strips can be integrated into the front of the louvres.

Version

Blade

- Blade type Cubic Design 500
- Shape of lade rectangle with ribbed surface
- Blade height 500 mm
- Blade width 68 mm

Blade fixation

Type	Inclination angle
Coverplate	0°, 45° or 90°
Wall bracket	0°

Accessories

- Optional LED strips available: white, colour (RGB) or white + colour (RGB).
 - White 11.52 W/m
 - RGB 12.8 W/m (2 per blade)

Material and surface treatment

Blade

- Aluminium EN AW-6063 T66 (EN 573-3)
 Profile thickness: min. 2.5 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, 8 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)

Wall bracket

- Steel RVS 304
- Finish
 - 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