

Solar shading system DucoSun Cubic Design 500

Manufactured by: DUCO Ventilation & Sun Control

Permanent external solar shading system, available with fixed or electronically adjustable louvre blades. The aluminium louvres with ribbed surface can be mounted at a fixed inclination angle of 0° either at the top and bottom, via the side plates on the ends, or with discreet wall brackets in the back.

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

Features:

- **Louvre blades:**
Type: Cubic Design 500
Form: Rectangular shape with ribbed surface
Material: Aluminium EN AW-6063 T66
Blade width: 500 mm
Blade thickness: 68 mm
Maximum span: 6000 mm (at 1250 N/m²)

Surface treatment:

- Powder coating: according to Qualicoat Seaside type A, enamelled polyester powder coating, minimum average coating thickness 60 µm, max. 80 µm, standard RAL colours 70% gloss or DUCO Anodic RAL
Upon request: other finish coating thicknesses and paint gloss levels, textured paints and specific powder coating product codes

Version

Fixed inclination angle of 0°.

Also available with electrically adjustable louvres.

Finish:

- **Side plates:**
Standard side plates with "ears", 8 mm thick.
Or wall brackets on the back of the louvre.
- **Optional LED strips:**
White, colour (RGB) or white + colour (RGB).
White: 11.52 W/m
RGB: 12.8 W/m (2 per louvre)

Complies with or tested in accordance with the following standards:

- Qualicoat Seaside type A
- EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
- EN 1990, EN 1991, EN 1999: strength calculations
- EN 13501-1: 2018: fire reaction