Solar shading system DucoSun Cubic 400 Multifit

Manufactured by: DUCO 'Ventilation & Sun Control'

DucoSun Cubic Multifit is a permanent, external shading system with fixed louvres made of extruded aluminium. Fastening by means of the patented Multifit system. This system consists of one base and a fork, which means it can be adjusted to different angles of inclination while mounting. The products are mounted on the spot in the supporting structure.

## Features:

* Louvre blades:

**Type**: Louvre Cubic 400

**Form**: Rectangular shape

**Material**: Aluminium extrusions Al Mg Si 0.5

**Blade width**: 400 mm

**Blade thickness**: Cubic 400: 48 mm

**Blade pitch**: Depending on the type of louvre and the inclination

**Surface treatment**:

* Anodised in natural as standard (15-20 µm) (VB6/A20/VOM1)
* Enamelled polyester powder coating (60-80 µm)
* Multifit base and forks:

**Type**:

* Multifit 120 (120 mm wide)

**Material**: Aluminium extrusions Al Mg Si 0.5

**Colour:** Same surface treatment as the louvre

**Mounting method**:With bolt VZK DIN 7991 M5x70 + washer M5 + lock nut M5

## Surface treatment:

* Anodisation: Qualanod-compliant, coating thickness 15-20µm, standard natural colour (colourless anodisation)
* Powder coating: Qualicoat Seaside type A compliant, minimum average coating thickness 60µm, standard RAL colours 70% gloss

Upon request: other finish layer thicknesses, anodising colours and paint gloss levels, as well as "seaside" paints, textured paints and specific coating powder references.

Version

Variable inclination angle, the gearing between the 2 parts allows 11 positions.

The distance between two louvre blades (pitch) depends on the type of louvre.

## Finish:

### Side plates:

Standard side plates are available.

Aluminium sheet Al Mg 3 G22, laser-cut, thickness 3 mm.

## Complies with or tested in accordance with the following standards:

* Qualicoat Seaside type A (if painted finish)
* Qualanod (if anodised finish)
* EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
* EN 1990, EN 1991, EN 1999: strength calculations