**Solar shading system DucoSun Cubic 100 Unifit**

Manufactured by: Duco ‘Ventilation & Sun Control’

Permanent external solar shading system. The aluminium blades are mounted under a fixed inclination of 0° on aluminium support profiles by means of a “Unifit” fork. The spacing between two louvre blades (blade pitch) is dependent on the blade type and the inclination.

## Features:

* Louvre blades:

**Type**: Blade Cubic 100

**Shape**: Rectangular shape

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

**Blade width**: 100 mm

**Blade thickness**: Cubic 100: 20 mm

**Blade pitch**: Depends on the type of blade and the inclination

**Surface treatment**:

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

**Type**:

* Unifit fork 0° (40 mm wide)

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

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

**Fitting method**:2 self-drilling screws Ø 4,8 x 16

## Surface treatment:

* Anodising: Qualanod-compliant, coating thickness 15-20 µm, standard natural colour (clear anodising)
* Powder coating: Qualicoat-compliant, minimum average coating thickness 60 µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, as well as “seaside” paints, textured paints and specific powder coating product codes.

Configuration

Fixed inclination of 0°.

The spacing between two louvre blades is dependent on the blade type.

## Finish:

### Side plates:

Standard side plates are available.

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

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

* Qualicoat (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