**Solar shading system DucoSun 100 C Intermediate**

Manufactured by: Duco ‘Ventilation & Sun Control’

DucoSun 100 C Series solar shading devices are architectural component systems featuring fixed C blades. The patented Duco Slide and click system enables quick and straightforward fitting of the solar shading blades to the support system at fixed blade angles.

## Features:

* Louvre blades:

**Type**: Blade 100 C

**Shape**: C-shaped (100 x 12 mm)

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

**Blade pitch**: 107,5 mm

**Blade width**: 100 mm

**Blade thickness**: Minimum 1,3 mm

**Inclination**: 45°

**Surface treatment**:

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

**Fitting method**: Clip the louvre blades onto the blade holders in accordance with the manufacturer’s fitting instructions

* Blade holders:

**Type**: Blade holder DucoSun C Framed

**Material**: Plastic, polyamide PA 6.6, fibreglass reinforced, UV colourfast

**Colour**: Black or grey

**Fitting method**: Fasten the louvre blade holders to the support profiles using the ‘slide-clip’ system in accordance with the manufacturer’s fitting instructions

* Wall plates:

**Types**:

* Wall plate 670/110/160 for support profile 100.

 (Note: specific wall plates in line with project or customer requirements can be used. Refer to manufacturer).

**Material**: Steel, QSTE 380

**Surface treatment**:

* Blast-cleaned with GH40 steel shot
* Metallised
* Epoxy primer base coat (60-80 µm)
* Polyester powder coating finish (60-80 µm) – RAL colour

**Fitting method**: In accordance with the manufacturer’s fitting instructions

* Support profiles:

**Types**:

* Support profile 86/95

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

**Width**: 86 mm

**Profile thickness**: Minimum 3,0 mm

**Surface treatment**:

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

**Fitting method**: In accordance with the manufacturer’s fitting instructions

## 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.

## Finish:

### With decorative profile:

**Types**:

* Decorative profile 100 semi round

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

**Height**: 100 mm

**Profile thickness**: Minimum 2,0 mm

**Surface treatment**:

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

**Fitting method**: In accordance with the manufacturer’s fitting instructions

### Without pull rod:

* Wall plates

## 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