**Solar shading system DucoSun 150 CF Underslung**

Manufactured by: Duco ‘Ventilation & Sun Control’

DucoSun 150 CF is an architectural component system featuring fixed solar shading 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.
150 CF Series solar shading blades combine the functional advantages of the 100 C Series basic blade with the appealing ellipsoid design of the DucoSun Ellips blade. The blades are extremely strong. That's why much larger spans can be covered with fewer support profiles.

## Features:

* Louvre blades:

**Type**: Blade 150 CF

**Shape**: CF-shaped (150 x 30 mm)

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

**Blade pitch**: 140 mm

**Blade width**: 150 mm

**Blade thickness**: Minimum 1,4 mm

**Inclination**: 60°

**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 Underslung

**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 30/78.
* Wall plate 670/110/160 for support profile 30/50 type B.

(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 30/50 type B
* Support profile 30/78

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

**Width**: 30 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

## 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:

### Without decorative profile:

### Support profile finish with plastic filler.

### **Types**:

### Plastic filler for support profile 30/50 type B (black/grey)

### Plastic filler for support profile 30/78 (black/grey)

### With decorative profile:

**Types:**

* Decorative profile 90 round

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

**Height:** 90 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 plate

### With pull rod:

* Pull rod 20/20/3.5
* Wall plate 30/100 for pull rod 20/20/3.5
* L-profile 110/110/10-30; carrier for pull rod

## 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