

SPECIFICATION

Specification: Solar shading system Ducosun 150 CF underslung

Manufacture: Duco 'Ventilation & Sun Control'

Type: Ducosun 150 CF underslung

Materials:

a) Aluminium: EN AW - 6063 T66

Surface treatment:

Standard natural anodised (15-20 µm) (VB6/A20/VOM1)

Enamelled polyester powder coating (60-80 µm)

b) Thermoplastic components: Polyamide PA 6.6, reinforced with glass fibre, UV colourfast

c) Steel: 37-2

Surface treatment:

Galvanised in a warm bath (complying with EN-ISO 1461),

Epoxyprimer (60-80 µm) and finishing Polyester Powder coating (60-80µm)

Construction:

Ducosun 150 CF underslung is a permanent external aluminium solar shading system with fixed blades.

Basic parts:

- Wall brackets:

Types: Wall brackets 670/110/160 for rafter 30/78

Wall brackets 500/110/160 for rafter 30/50

(Note: wall brackets for specific projects or customers can be supplied on request)

Materials: Steel 37-2

Surface treatment: Galvanised in a warm bath (complying with EN-ISO 1461), Epoxy primer (60-80 µm) and finishing Polyester Powder coating (60-80 µm)

Assembly instruction: Fix in accordance with the instructions of the Manufacturer

- Rafters:

Types: Rafter 30/50

Rafter 30/78

Materials: Aluminium extrusions Al Mg Si 0.5

Width: 30 mm

Thickness: Minimum 2,0 mm

Surface treatment: Standard natural anodised (15-20 µm) (VB6/A20/VOM1)

Enamelled polyester powder coating (60-80 µm)

Assembly instruction: Fix in accordance with the instructions of the Manufacturer

SPECIFICATION



- Clips:
Type: Clip Ducosun C underslung
Materials: Thermoplastic, Polyamide PA 6.6, reinforced with glass fibre, UV colourfast
Colour: Black or grey
Assembly instruction: Fix the blades to the clips by means of the 'slide' system in accordance with the assembly instructions of the Manufacturer

- Spacer: to fit blades at pitch 140 mm
- Thermoplastic stopper for blade 150 CF

- Blades:
Type: Blade 150 CF
Form: CF-shape (150 x 30 mm) with lens- shaped nose
Materials: Aluminium extrusions Al Mg Si 0.5
Blade Width: 150 mm
Blade Thickness: Minimum 1,4 mm
Surface treatment: Standard natural anodised (15-20 m μ) (VB6/A20/VOM1)
Enamelled polyester powder coating (60-80 m μ)
Assembly instruction: Fix the blades to the clips in accordance with the assembly instructions of the Manufacturer

- Finishing:

- Without facia: Finishing of the rafters with a thermoplastic stopper.
Types: Thermoplastic stopper for rafter 30/50 (black/grey)
Thermoplastic stopper for rafter 30/78 (black/grey)

- With facia:
Circular Facia90
Materials: Aluminium extrusions Al Mg Si 0.5
Height: 90 mm
Blade thickness: Minimum 2,0 mm
Surface treatment: Standard natural anodised (15-20 m μ) (VB6/A20/VOM1)
Enamelled polyester powder coating (60-80 m μ)
Assembly instruction: According to the assembly instructions of the Manufacturer

- Without strut: Wall brackets

- With strut: Strut 20/20/3.5
Wall brackets 30/100 for strut 20/20/3.5
L-profile 110/110/10-30; for strut

General info:

Fix in accordance with the instructions and the calculation programmes of the Manufacturer.
Construction must fully meet the requirements of the Building Regulations.