

SPECIFICATION

Specification: Solar shading system Ducosun 100 C intermediate

Manufacture: Duco 'Ventilation & Sun Control'

Type: Ducosun 100 C intermediate

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: 37.02

Surface treatment:

Galvanised in a warm bath (complying with ENISO 1461), Epoxy

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

(60-80 µm)

Construction:

Ducosun 100 C intermediate is a permanent external aluminium solar shading system with fixed blades.

Basic parts:

- Wall brackets:

Types: Wall brackets 670/110/160 for frame profile 100

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

Materials: Steel 37.02

Surface treatment: Galvanised in a warm bath (complying with ENISO 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 86/95

Materials: Aluminium extrusions Al Mg Si 0.5

Width: 86 mm

Thickness: Minimum 3,0 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 intermediate

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 and click' system in accordance with the assembly instructions of the Manufacturer

- Blades:

Type: Blade 100 C

Form: C-shape (100 x 12 mm)

Materials: Aluminium extrusions Al Mg Si 0.5

Blade Width: 100 mm

Blade Thickness: Minimum 1,3 mm

Surface treatment: Standard natural anodised (15-20 µm)

(VB6/A20/VOM1)

Enamelled polyester powder coating (60-80 µm)

Assembly instruction: Fix the blades to the clips in accordance with the assembly instructions of the Manufacturer

- Finishing:

- With facia:

Types: Facia 100 semi round

Materials: Aluminium extrusions Al Mg Si 0.5

Height: 99,5 mm

Blade 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: According to the assembly instructions of the Manufacturer

- Without strut: Wall brackets

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.