# Specification: Solar shading system Ducosun 100 C vertical 

## Manufacture: Duco 'Ventilation \& Sun Control'

## Type: Ducosun 100 C vertical

Materials: a) Aluminium: EN AW - 6063 T66
Surface treatment:
Standard natural anodised ( $15-20 \mathrm{~m} \mu$ ) (VB6/A20/VOM1)
Enamelled polyester powder coating ( $60-80 \mathrm{~m} \mathrm{\mu}$ )
b) Thermoplastic components: Polyamide PA 6.6, reinforced with glass
fibre, UV colourfast

## Construction:

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

## Basic parts:

- Rafters:

Types: Rafter 30/50
Rafter 30/78
Rafter 50/12
Rafter 50/50
Rafter 21/50 Multi
Materials: Aluminium extrusions Al Mg Si 0.5
Width: $30 \mathrm{~mm}(30 / 50 ; 30 / 78), 50 \mathrm{~mm}(50 / 50 ; 50 / 12)$ or $21 \mathrm{~mm}(21 / 50$ Multi)
Thickness: Minimum 2,0 mm
Surface treatment: Standard natural anodised (15-20 $\mu \mathrm{m}$ )
(VB6/A20/VOM1)
Enamelled polyester powder coating ( $60-80 \mu \mathrm{~m}$ )
Assembly instruction: Fix in accordance with the instructions of the Manufacturer

- Clips:

Type: Clip Ducosun C vertical/overslung
Materials: Thermoplastic, Polyamide PA 6.6, reinforced with glass fibre, UV colourfast
Colour: Black or grey
Assembly instruction: Fix the clips to the rafters by means of the 'slide and click' sytem in accordance with the assembly instructions of the Manufacturer

- Blades:

Type: Blade 100 C
Form: C-shape ( $100 \times 12 \mathrm{~mm}$ )
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 mu) (VB6/A20/VOM1)
Enamelled polyester powder coating ( $60-80 \mathrm{~m} \mu$ )
Assembly instruction: Fix the blades to the clips in accordance with the assembly instructions of the Manufacturer

- Finishing:

Types: Thermoplastic stopper for rafter 30/50 (black/grey)
Thermoplastic stopper for rafter 30/78 (black/grey)

## General info:



## SPECIFICATION

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

