

Solar shading system

DUCO Ventilation & Sun Control

DucoSun Ellips 100 Unifit

Description

Permanent external shading system made of aluminium. The blades are mounted on site in the supporting structure (horizontally or vertically). The Ellips 100 blades are placed at a fixed inclination angle of 0° with a 'Unifit' fork. The elliptical louvre blades ensure the maximum amount of diffused daylight.

Version

Blade

- Blade type Ellips 100
- Shape of blade ellipse
- Blade height 100 mm
- Blade width 26 mm

Bracket

- Type Unifit
- Inclination angle 0°
- Height 80 mm
- Width 30 mm

Blade fixation

- 2 x self-drilling screw DIN 7504-O Ø 4,8 x 16

Bracket fixation

- Directly on supporting structure
 - 2 x self-drilling screw DIN 7504-O Ø 5,5 x 25

Accessories

- Coverplates available
 - Aluminium AlMg3, lasered, 3 mm thick

Material and surface treatment

Blade

- Aluminium EN AW-6063 T66 (EN 573-3)
 Profile thickness: min. 1.3 mm
- Finish
 - Natural anodised (15-20 µm) according to Qualanod
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Bracket

- Aluminium EN AW-6063 T66 (EN 573-3)
- Finish
 - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

Technical specifications

Strength calculation

According to EN 1990, EN 1991, EN 1999