# 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