**Solar shading system DucoSun Ellips 400 Multifit**

Manufactured by: Duco ‘Ventilation & Sun Control’

This solar shading system is available with either fixed or electrically adjustable blades. They are installed to the support system on-site (either horizontally or vertically). This system allows for a wide variety of blade mounting angles. This ensures that the system can shade the area optimally regardless of the glazed surface and the position of the sun throughout the day.
The ellipsoid blade styles admit high levels of diffused daylight. DucoSun Ellips offers architects a wide freedom of design.

## Features:

* Louvre blades:

**Type**: Blade Ellips 400

**Shape**: Ellips-shaped

**Material**: Aluminium extrusions, Al Mg Si 0.5

**Blade width**: 400 mm

**Blade thickness**: Ellips 400: 63 mm

**Blade pitch**: Depends on the type of blade and the inclination

**Surface treatment**:

* Anodised in natural as standard (15-20 µm) (VB6/A20/VOM1)
* Enamelled polyester powder coating (60-80 µm)
* Multifit base and forks:

**Type**:

* Multifit 120 (120 mm wide)

**Material**: Aluminium extrusions, Al Mg Si 0.5

**Colour:** Same surface treatment as the blade

**Fitting method**:With bolt VZK DIN 7991 M5x55 + rounding M5 + Lock nut M5

## Surface treatment:

* Anodising: Qualanod-compliant, coating thickness 15-20 µm, standard natural colour (clear anodising)
* Powder coating: Qualicoat-compliant, minimum average coating thickness 60 µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, as well as “seaside” paints, textured paints and specific powder coating product codes.

Configuration

Variable inclination angle, the gearing between the 2 components provides 11 settings.

The spacing between two louvre blades is dependent on the blade type.

## Finish:

### Side plates:

Standard side plates are available.

Aluminium Al Mg 3 G22 sheet, laser-cut, 3 mm thick.

## Complies with or tested in accordance with the following standards:

* Qualicoat (if painted finish)
* Qualanod (if anodised finish)
* EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
* EN 1990, EN 1991, EN 1999: strength calculations