**Solar shading system DucoSun Ellips 150 Intermediate**

Manufactured by: Duco ‘Ventilation & Sun Control’

The blades are mounted by means of side plates or project-specified plates between the supporting construction. 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 150

**Shape**: Ellips-shaped

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

**Blade width**: 150 mm

**Blade thickness**: Ellips 150: 35 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)

**Fitting method**: Between the preassembled construction. Dilatation has to be taken care of by means of neoprene roudings.

## 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

Louvre blades are fastened between 2 side plates (0° and 45°) or project-specified assembly plates.

These plates are provided with screw holes and may vary depending on the project.

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

## Finish:

### Side plates:

Standard side plates or project-specified plates are available.

Aluminium sheet Al Mg 3 G22, laser-cut, 5 mm thick.

Louvre blades fastened to side plate/assembly plate with M6 x 30 stainless steel A2 (DIN 7500) bolts.

* Side plate 0°
* Side plate 45°

## 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