**Solar shading system DucoSun Wing 500**

Manufactured by: Duco ‘Ventilation & Sun Control’

Permanent external solar shading system with moveable blades, stepless moveable by means of a electric linear drive motor. They are installed to the support system on-site (either horizontally or vertically). The wing-shaped blades provide privacy yet with enough visibility to the outside.

## Features:

* Louvre blades:

**Type**: Blade Wing 500

**Shape**: Wing-shape

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

**Finish**: Standard perforation Ø 10 mm, other perforation on demand

**Blade width**: 500 mm

**Blade thickness**: Wing 500: 115 mm

**Blade pitch**: Specific project-related

**Surface treatment**:

* Anodised in natural as standard (15-20 µm) (VB6/A20/VOM1)
* Enamelled polyester powder coating (60-80 µm)
* Support profiles:

Support profiles 60/100: fixation directly to the supporting construction

* Motor:

**Supply voltage:** 230 VAC 50 Hz

**Current:** 0,55 A

**Power:** 126 W

**Safety:** IP 65 rating

**Mechanical:** Actuator cable length: 2 m

## 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.

## 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