# Solar shading systemDUCO Ventilation & Sun ControlDucoSun Cubic 140 Unifit

## Description

Permanent external shading system made of aluminium. The blades are mounted on site in the supporting structure (horizontally or vertically). The Cubic 140 blades are placed at a fixed inclination angle of 0° with a 'Unifit' fork. Together with the rectangular form of the blade this gives a particularly sleek effect.

## Version

### Blade

* Blade type Cubic 140
* Shape of blade rectangular
* Blade height 140 mm
* Blade width 37 mm

### Bracket

* Type Unifit
* Inclination angle 0°
* Height 100 mm
* Width 40 mm

### Blade fixation

* 2 x self-drilling screw DIN 7504-O Ø 4.8 x 16

### Bracket fixationl

|  |  |
| --- | --- |
| Type | Material |
| Directly on supporting structure | * 2 x hexagon head bolt DIN 933 M8 x 16
* 2 x washer DIN 125-1A M8
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| On DUCO mullion | * 2 x hexagon head bolt DIN 933 M8 x 16
* 2 x washer DIN 125-1A M8
* 2 x nut plate M8
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### 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. 1.5 mm

* Finish
	+ Naturel 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