# Solar shading system DUCO Ventilation & Sun Control DucoSun Cubic 200x48 Multifit

## Description

Permanent external shading system made of aluminium. The blades are mounted on site in the supporting structure (horizontally or vertically). The Cubic 200x48 is a wider version of the Cubic 200.

Fastening is done with the patented Multifit system. This system consists of one base and a fork. The gearing between the two parts allows for 7 different positions. The inclination angle is adjustable during mounting.

## Version

### Blade

* Blade type Cubic 200x48
* Shape of blade rectangular
* Blade height 200 mm
* Blade width 48 mm

### Bracket

* Type Multifit Cubic
* Inclination angle -45°, -30°, -15°, 0°, 15°, 30° or 45°
* Height 90 mm
* Width 120 mm

### Blade fixation

* 2 x hexagon socket countersunk head screw DIN 7991 M5 x 70
* 2 x washer DIN 125-1A M5
* 2 x lock nut DIN 985 M5

### Bracket fixation

|  |  |
| --- | --- |
| Type | Material |
| Directly on supporting structure | * 3 x hexagon head bolt DIN 933 M8 x 20 * 3 x washer DIN 125-1A M8 * 3 x square taper washer DIN 434 M8 (optional) |
| On DUCO mullion | * 3 x hexagon head bolt DIN 933 M8 x 20 * 3 x washer DIN 125-1A M8 * 3 x nut plate M8 |

### 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. 1.8 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