**Continuous louvre walls DucoWall Basic W 35S**

Manufactured by: Duco ‘Ventilation & Sun Control’

The DucoWall Basic W 35S is a continuous louvre wall designed to clip directly onto the support system with the Duco patented Direct Clip system. The special blade shape has been designed for both S and Z shape applications. This system is ideally suited for projects where the primary function of the continuous blade louvre is to offer an effective cosmetic covering ("screening").

## Features:

* Louvre blades:

S-shaped aluminium extrusions that clip into blade holders

* Blade height: 90 mm
* Blade pitch: 75 mm
* Blade depth: 35 mm
* Profile thickness: minimum 1,5 mm
* Visual free area: 69 %
* Physical free area: 27 %
* Support profiles:

40/47

21/73

40/102

* Recess depth:
* Support profiles 40/47: 51 mm
* Support profiles 21/73: 78 mm
* Support profiles 40/102: 107 mm

## 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.

## Functional specifications:

### Flow rate:

* + K-factor intake: 43,56
  + K-factor exhaust: 46,63
  + Ce coefficient: 0,15
  + Cd coefficient: 0,15

### Water repellency:

* + v = 0,0m/s: class A (99,99%)
  + v = 0,5m/s: class A (99,97%)
  + v = 1,0m/s: class B (98,87%)
  + v = 1,5m/s: class D (69,75%)
  + v = 2,0m/s: class D
  + v = 2,5m/s: class D

## 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 13030: water resistance and determination of Ce and Cd coefficients
* EN 1990, EN 1991, EN 1999: strength calculations

## Optional burglary-resistant

Continuous louvre wall can optionally be provided with wire nets for RC2 burglary resistance.

Class 2 (EN1627:2011 & NEN 5096:2012+A1:2015).