**Continuous louvre walls DucoWall Classic W 50S**

Manufactured by: Duco ‘Ventilation & Sun Control’

The DucoWall Classic W 50S series is a continuous louvre wall to be fitted to a supporting structure. The turn and click system ensures quick and easy installation. The unique S-shaped louvre blade features a stylish design.

## Features:

* Louvre blades:

S-shaped aluminium extrusions that clip into blade holders

* Blade height: 76 mm
* Blade pitch: 65 mm
* Blade depth: 53 mm
* Profile thickness: minimum 1,5 mm
* Visual free area: 75 %
* Physical free area: 52 %
* Support profiles:

Aluminium extrusions featuring a groove to secure the blade holders

Lightweight 30/12 and 50/12 support profiles: attached directly to underlying structure (without free overhang)

Heavy-duty 21/50 Multi, 50/50 and 50/125 support profiles: suitable for free overhang, attached to underlying structure using L-sections supplied

* Louvre holders: injection mouldings manufactured from PA 6.6 fibreglass reinforced polyamide
* Recess depth:
* Support profiles 50/12: 65 mm
* Support profiles 50/50 or 21/50 Multi: 103 mm
* Support profiles 50/125 : 178 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: 17,38
	+ K-factor exhaust: 23,48
	+ Ce coefficient: 0,24
	+ Cd coefficient: 0,21

### Water repellency:

* + v = 0,0m/s: class B
	+ v = 0,5m/s: class B (96,55%)
	+ v = 1,0m/s: class C (94,09%)
	+ v = 1,5m/s: class C (91,71%)
	+ 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).