Continuous louvre walls DucoWall Acoustic W 300

Manufactured by: DUCO Ventilation & Sun Control

DucoWall Acoustic 300 : In this version, two 150 louvre blades are placed one after the other, so that optimum sound absorption can be achieved. Nevertheless, the installation depth remains limited at 334 mm.

## Features:

* Louvre blades:
* Louvre height: 155.5 mm
* Louvre pitch: 150 mm
* Louvre blade depth : 30 mm
* Section thickness: minimum 1.5 mm
* Visual free area: 74 %
* Physical free area: 35%
* Support profiles:

Aluminium extrusions featuring a groove for securing the blade holders

Heavy-duty support profiles 21/50 Multi and 50/50: suitable for free overhang, attached to underlying structure by means of supplied L-profiles

* Blade holders: injection-moulded parts made of polyamide PA 6.6 glass-fibre reinforced
* Recess depth:
	+ Support profile 50/50 or 21/50 Multi: 334 mm

## Surface treatment:

* Anodisation: Qualanod-compliant, coating thickness 15-20µm, standard natural colour (colourless anodisation)
* Powder coating: Qualicoat Seaside type A compliant, minimum average coating thickness 60µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, textured paints and specific powder coating product codes

## Functional specifications:

### Flow rate standard version:

* + K-factor inlet: 13.52
	+ K-factor outlet: 13.52
	+ Ce coefficient: 0.272
	+ Cdcoefficient: 0.272

### Flow rate version "+ options":

* + K-factor inlet: 16.00
	+ K-factor outlet: 16.00
	+ Ce coefficient: 0.25
	+ Cdcoefficient: 0.25

### Water resistance standard version:

* + v = 0.0m/s: class A
	+ v = 0.5m/s: class B
	+ v = 1.0m/s: class B
	+ v = 1,5m/s: class C
	+ v = 2.0m/s: class C
	+ v = 2.5m/s: class D
	+ v = 3.0m/s: class d
	+ v = 3.5m/s: class D

### Water repellency version "+ options":

* + v = 0.0m/s: class A
	+ v = 0.5m/s: class B
	+ v = 1.0m/s: class B
	+ v = 1,5m/s: class C
	+ v = 2.0m/s: class C
	+ v = 2.5m/s: class D
	+ v = 3.0m/s: class d
	+ v = 3.5m/s: class D

### Attenuation value

* + Rw (C;Ctr) (in dB): 17 (-1;-3)

## Complies with or tested in accordance with the following standards:

* Qualicoat Seaside type A (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 Ceand Cdcoefficients
* EN 1990, EN 1991, EN 1999: strength calculations
* EN ISO 10140: acoustic measurements