

Continuous louvre walls DucoWall Classic W 50Z/30°

Manufactured by: DUCO Ventilation & Sun Control

DucoWall Classic W 50Z/30° is a louvre wall system that can be fitted against a support structure. Quick and easy assembly is possible because of the 'Turn-Click' system. The "Z"-shaped louvre blade produces a sleek design. The louvre wall is available with 65 or 75 mm spacing.

Features:

- **Louvre blades:**
Z-shaped aluminium extrusions clipped into blade holders
 - Blade height: 72 mm
 - Louvre blade depth: 53 mm
 - Section thickness: minimum 1.5 mm

	DucoWall Classic W 50Z/30°/65	DucoWall Classic W 50Z/30°/75
Louvre pitch	65	75
Visual free area	41	49
Physical free passage	40	46

- **Support profiles:**
Aluminium extrusions featuring a groove for securing the blade holders
The lightweight support profiles 30/12 and 50/12: fixing directly to underlying structure (without free overhang)
Heavy-duty support profiles 21/50 Multi, 50/50 and 50/125: 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 50/12: 65 mm
 - Support profile 50/50 or 21/50 Multi: 103 mm
 - Support profile 50/125: 178 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 versions:

	DucoWall Classic W 50Z/30°/65	DucoWall Classic W 50Z/30°/75
K-factor inlet	14,57	10,27
K-factor outlet	10,54	8,70
Ce	0,262	0,312
Cd	0,308	0,339

- Flow rate versions "+ options":

	DucoWall Classic W 50Z/30°/65	DucoWall Classic W 50Z/30°/75
K-factor inlet	15,62	10,41
K-factor outlet	10,96	8,86
Ce	0,253	0,31
Cd	0,302	0,336

- Water repellency standard versions:

	DucoWall Classic W 50Z/30°/65	DucoWall Classic W 50Z/30°/75
v = 0.0m/s	B	B
v = 0.5m/s	C	C
v = 1.0m/s	C	C
v = 1.5m/s	C	C
v = 2.0m/s	D	D
v = 2.5m/s	D	D
v = 3.0m/s	D	D
v = 3.5m/s	D	D

- Water repellency versions "+ options":

	DucoWall Classic W 50Z/30°/65	DucoWall Classic W 50Z/30°/75
v = 0.0m/s	A	B
v = 0.5m/s	B	B
v = 1.0m/s	B	C
v = 1.5m/s	C	C
v = 2.0m/s	C	C
v = 2.5m/s	C	D
v = 3.0m/s	D	D
v = 3.5m/s	D	D

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 C_e and C_d coefficients
- EN 1990, EN 1991, EN 1999: strength calculations

Optional burglary protection

Continuous louvre wall can optionally be provided with wire mesh for RC2 burglar resistance.
Class 2 (EN1627:2011 & NEN 5096:2012+A1:2015)