

DucoWall Screening 70 louvre wall system

Manufactured by: DUCO Ventilation & Sun Control

DucoWall Screening 70 is a sturdy aluminum louvre wall system with a choice between three different louvre pitches. In this way, the louvre wall can be adapted to the wishes and needs of any project. Installation is quick, as the Z-shaped louvres are placed directly on the mullion. The “Z”-shaped louvre produces a sleek design.

Features:

- **Louvre blades:**
Z-shaped aluminium extrusions clipped into mullions
 - Louvre pitch: 75, 112 and 150 mm
 - Louvre blade depth : 84 mm
 - Section thickness: 2 mm

	DucoWall Screening 70/75	DucoWall Screening 70/112	DucoWall Screening 70/150
Visual free airflow	53	68	77
Physical free airflow	37	59	55

- **Mullions:**
The lightweight mullions 40/21 (double: fixing directly to underlying structure (without free overhang)
Heavy-duty mullions 40/70 and 40/100 double: suitable for free overhang, attached to underlying structure by means of supplied L-profiles
- **Recess depth:**
 - Mullion 40/21 (double): 95 mm
 - Mullion 40/70 double: 145 mm
 - Mullion 40/100 double: 175 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:

K-Factor			
	DucoWall Screening 70/75	DucoWall Screening 70/112	DucoWall Screening 70/150
Intake	30,19	22,25	13,72
Ce	0,182	0,212	0,27
Exhaust	25,00	13,72	10,21
Cd	0,20	0,26	0,31

- Flow rate versions "+ options":

K-Factor			
	DucoWall Screening 70/75	DucoWall Screening 70/112	DucoWall Screening 70/150
Intake	30,52	22,25	14,35
Ce	0,181	0,212	0,264
Exhaust	25,77	14,13	10,54
Cd	0,20	0,26	0,31

- Water resistance standard versions:

Water repellency			
BSRIA (EN13030)			
V (m/s)	Class		
	DucoWall Screening 70/75	DucoWall Screening 70/112	DucoWall Screening 70/150
0	B	B	C
0,5	C	C	D
1	C	C	D
1,5	C	C	D
2	D	D	D
2,5	D	D	D
3	D	D	D
3,5	D	D	D

- Water resistance versions "+ options":

Water repellency			
BSRIA (EN13030)			
V (m/s)	Class		
	DucoWall Screening 70/75	DucoWall Screening 70/112	DucoWall Screening 70/150
0	A	B	C
0,5	B	B	C
1	C	C	D
1,5	C	C	D
2	D	C	D
2,5	D	D	D
3	D	D	D
3,5	D	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