

DucoWall Screening 35 louvre wall system

Manufactured by: DUCO Ventilation & Sun Control

DucoWall Screening 35 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 : 44 mm
 - Section thickness: 2 mm

	DucoWall Screening 35/75	DucoWall Screening 35/112	DucoWall Screening 35/150
Visual free airflow	52	68	76
Physical free airflow	29	27	35

- **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): 57 mm
 - Mullion 40/70 double: 107 mm
 - Mullion 40/100 double: 137 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 35/75	DucoWall Screening 35/112	DucoWall Screening 35/150
Intake	61,04	67,19	23,56
Ce	0,128	0,122	0,206
Exhaust	38,10	33,03	19,93
Cd	0,162	0,174	0,224

- Flow rate versions "+ options":

K-Factor			
	DucoWall Screening 35/75	DucoWall Screening 35/112	DucoWall Screening 35/150
Intake	61,04	68,30	24,03
Ce	0,128	0,121	0,204
Exhaust	38,58	32,65	20,29
Cd	0,161	0,175	0,222

- Water repellency standard versions:

Water resistance			
BSRIA (EN13030)			
V (m/s)	Class		
	DucoWall Screening 35/75	DucoWall Screening 35/112	DucoWall Screening 35/150
0	A	B	C
0,5	B	C	C
1	B	C	D
1,5	D	D	D
2	D	D	D
2,5	D	D	D
3	D	D	D
3,5	D	D	D

- Water repellency versions "+ options":

Water resistance			
BSRIA (EN13030)			
V (m/s)	Class		
	DucoWall Screening 35/75	DucoWall Screening 35/112	DucoWall Screening 35/150
0	A	B	C
0,5	B	B	C
1	B	C	D
1,5	D	D	D
2	D	D	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