

Built-in window grille DucoGrille Solid F 30Z

Manufactured by: DUCO Ventilation & Sun Control

DucoGrille Solid F 30Z is an architectural window grille manufactured from aluminium extrusion profiles. The stackable louvre blades provide unparalleled rigidity. The perforated louvre blades act as an insect screen (2 types of perforation). The “Z”-shaped louvre blade produces a sleek design.

Features:

- Louvre pitch: 37.50 mm
- Frame depth: 38 mm for the Solid F 30Z/24 and 42 mm for the Solid F 30Z/28 and 32.
- Section thickness: minimum 1.2 mm

	Solid 30/24 Z P1	Solid 30/24 Z P2	Solid 30/24 Z NP	Solid 30/28 Z P1	Solid 30/28 Z P2	Solid 30/28 Z NP	Solid 30/32 Z P1	Solid 30/32 Z P2	Solid 30/32 Z NP
Visual free area	60	86	0	60	86	0	60	86	0
Physical free passage	34	48	0	34	48	0	34	48	0
Flange width	24	24	24	28	28	28	32	32	32

Accessories (included):

	Perforated louvre blades		Stainless steel insect screen		
	Insect screen	Bird protection	2,3 x 2,3 mm	6 x 6 mm	20 x 20 mm
Solid 30/24 P1	S				
Solid 30/24 P2		S	S	O	O
Solid 30/24 NP					
Solid 30/28 P1	S				
Solid 30/28 P2		S	S	O	O
Solid 30/28 NP					
Solid 30/32 P1	S				
Solid 30/32 P2		S	S	O	O
Solid 30/32 NP					

S = Standard O = Optional

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:

	Solid 30Z P1	Solid 30Z P2	Solid 30Z NP
K-factor inlet	16,94	15,02	
K-factor outlet	18,26	15,62	
Ce	0,243	0,258	
Cd	0,234	0,253	

- Flow rate version "+ options":

	Solid 30Z P1	Solid 30Z P2	Solid 30Z NP
K-factor inlet	21,43	18,58	
K-factor outlet	17,08	14,13	
Ce	0,216	0,232	
Cd	0,242	0,266	

- Water resistance standard version:

	v = 0 m-s	v = 0.5 m-s	v = 1 m-s	v = 1.5 m-s	v = 2 m-s	v = 2.5 m-s	v = 3 m-s	v = 3.5 m-s
Solid 30Z P1	B	C	C	D	D	D	D	D
Solid 30Z P2	C	C	C	D	D	D	D	D
Solid 30Z NP								

- Water resistance version "+ options":

	v = 0 m-s	v = 0.5 m-s	v = 1 m-s	v = 1.5 m-s	v = 2 m-s	v = 2.5 m-s	v = 3 m-s	v = 3.5 m-s
Solid 30Z P1	B	B	C	C	D	D	D	D
Solid 30Z P2	B	B	B	B	C	D	D	D
Solid 30Z NP								

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