

# TECHNICAL DATA SHEET



Type	<b>DucoGrille Solid G30Z Barrier Load-P1 incl mesh</b>	
<b>DESCRIPTION</b>	Reinforced louvre grille with punched blades.	
<b>SHAPE OF BLADE</b>	30Z punched blades (P1) height 21mm x width 2,5mm	
<b>PITCH</b>	37,5 mm	
<b>FRAME WIDTH</b>	45 mm	
<b>EQUAL LEG OUTER FRAME</b>	15 mm	
<b>FRAME DEPTH</b>	42 mm	
<b>MIN. DIMENSIONS</b>	Width 200mm, Height 200mm. Exception on request.	
<b>REACTION TO FIRE</b>	A2-s1,d0 (EN13501-1)	
<b>MESH</b>	Aluminium extrusions are perforated and act as insect mesh - standard with insect mesh 2.3 x 2.3 mm	
<b>DRIP TRAY PROFILE</b>	extra drip tray on the back of the frame possible as an option	
<b>MATERIAL</b>	Aluminium : EN AW-6063 T66 (EN 573-3) Profile thickness : min. 1,5mm	
<b>SURFACE TREATMENT</b>	- standard aluminium anodised (15-20µm) according Qualanod - polyester powder coated (60-80µm) according Qualicoat Seaside type A - specific RAL codes and/or textured paint on request	
<b>VISUAL FREE AREA</b>	60% per meter of punching	
<b>PHYSICAL FREE AREA</b>	34%	
<b>AIR FLOW DATA</b>	(EN13030)	standard
	Ce	0,233
	K-factor intake	18,42
	Cd	0,224
	K-factor exhaust	19,93
<b>WATER RESISTANCE</b>	(EN13030)	standard
	v = 0 m/s	C
	v = 0,5 m/s	C
	v = 1 m/s	C
	v = 1.5 m/s	C
	v = 2 m/s	D
	v = 2.5 m/s	D
	v = 3 m/s	D
v = 3,5 m/s	D	
<b>IMPACT RESISTANCE</b>	EN13049	Class 5
	NF P08-302	Class H2/C2
<b>FALL-TROUGH PROTECTION</b>	B03-004	Class C4
	NEN-EN1991-1-1	Class A/B/F/G
	NF P01-013	Class A/B (Width < 600 mm)
	BS6180	Class XI

3

2

1

D

D

C

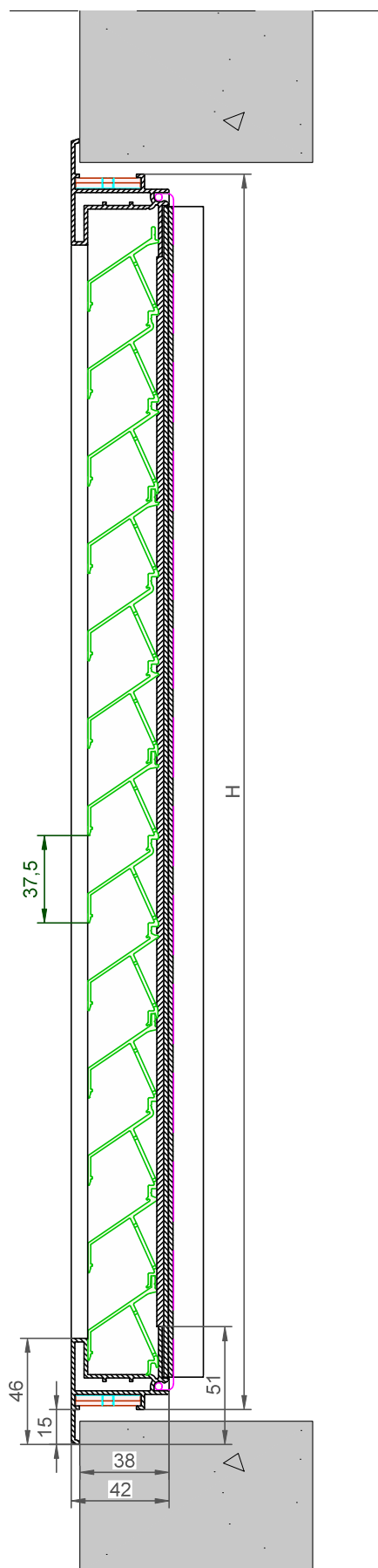
C

B

B

A

A



DucoGrille Solid **G30Z Barrier Load - P1 incl mesh**

Datum : 9/04/2024

Schaal : 1:2

**DUCO**  
Ventilation & Sun Control

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Deze tekening is eigendom van Duco Projects en mag niet gekopieerd  
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Tol. : ISO 2768-mK

Getekend : RTN

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

mm

kg/m

dm<sup>2</sup>/m

DGS-G30Z-BL-P1 incl mesh

3

2

1