

TECHNICAL DATA SHEET



Type	DucoGrille Solid G30Z Barrier Load-P1 + options																			
DESCRIPTION	Reinforced louvre grille with punched blades.																			
SHAPE OF BLADE	30Z punched blades (P1) height 21mm x width 2,5mm																			
PITCH	37,5 mm																			
FRAME WIDTH	45 mm																			
EQUAL LEG OUTER FRAME	21 mm																			
FRAME DEPTH	42 mm																			
MIN. DIMENSIONS	Width 200mm, Height 200mm. Exception on request.																			
REACTION TO FIRE	A2-s1,d0 (EN13501-1)																			
MESH	Aluminiumextrusions are perforated and act as insect mesh																			
OPTIONS	incl. extra drip tray on the back of the frame test result situation installed in wall																			
MATERIAL	Aluminium : EN AW-6063 T66 (EN 573-3) Profile thickness : min. 1,5mm																			
SURFACE TREATMENT	- 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																			
VISUAL FREE AREA	60% per meter of punching																			
PHYSICAL FREE AREA	34%																			
AIR FLOW DATA	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #f2f2f2;">(EN13030)</th> <th style="background-color: #f2f2f2;">+ options</th> </tr> </thead> <tbody> <tr> <td>Ce</td> <td>0,216</td> </tr> <tr> <td>K-factor intake</td> <td>21,43</td> </tr> <tr> <td>Cd</td> <td>0,242</td> </tr> <tr> <td>K-factor exhaust</td> <td>17,08</td> </tr> </tbody> </table>		(EN13030)	+ options	Ce	0,216	K-factor intake	21,43	Cd	0,242	K-factor exhaust	17,08								
(EN13030)	+ options																			
Ce	0,216																			
K-factor intake	21,43																			
Cd	0,242																			
K-factor exhaust	17,08																			
WATER RESISTANCE	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #f2f2f2;">(EN13030)</th> <th style="background-color: #f2f2f2;">+ options</th> </tr> </thead> <tbody> <tr> <td>v = 0 m/s</td> <td>B</td> </tr> <tr> <td>v = 0,5 m/s</td> <td>B</td> </tr> <tr> <td>v = 1 m/s</td> <td>C</td> </tr> <tr> <td>v = 1,5 m/s</td> <td>C</td> </tr> <tr> <td>v = 2 m/s</td> <td>D</td> </tr> <tr> <td>v = 2,5 m/s</td> <td>D</td> </tr> <tr> <td>v = 3 m/s</td> <td>D</td> </tr> <tr> <td>v = 3,5 m/s</td> <td>D</td> </tr> </tbody> </table>		(EN13030)	+ options	v = 0 m/s	B	v = 0,5 m/s	B	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
(EN13030)	+ options																			
v = 0 m/s	B																			
v = 0,5 m/s	B																			
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																			
IMPACT RESISTANCE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="background-color: #f2f2f2;">EN13049</td> <td>Class 5</td> </tr> <tr> <td style="background-color: #f2f2f2;">NF P03-802</td> <td>Class H2/C2</td> </tr> </tbody> </table>		EN13049	Class 5	NF P03-802	Class H2/C2														
EN13049	Class 5																			
NF P03-802	Class H2/C2																			
FALL-TROUGH PROTECTION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="background-color: #f2f2f2;">B03-004</td> <td>Class C4</td> </tr> <tr> <td style="background-color: #f2f2f2;">NEN-EN1991-1-1</td> <td>Class A/B/F/G</td> </tr> <tr> <td style="background-color: #f2f2f2;">NF P01-013</td> <td>Class A/B/D</td> </tr> <tr> <td style="background-color: #f2f2f2;">BS6180</td> <td>Class XI</td> </tr> </tbody> </table>		B03-004	Class C4	NEN-EN1991-1-1	Class A/B/F/G	NF P01-013	Class A/B/D	BS6180	Class XI										
B03-004	Class C4																			
NEN-EN1991-1-1	Class A/B/F/G																			
NF P01-013	Class A/B/D																			
BS6180	Class XI																			

3

2

1

D

D

C

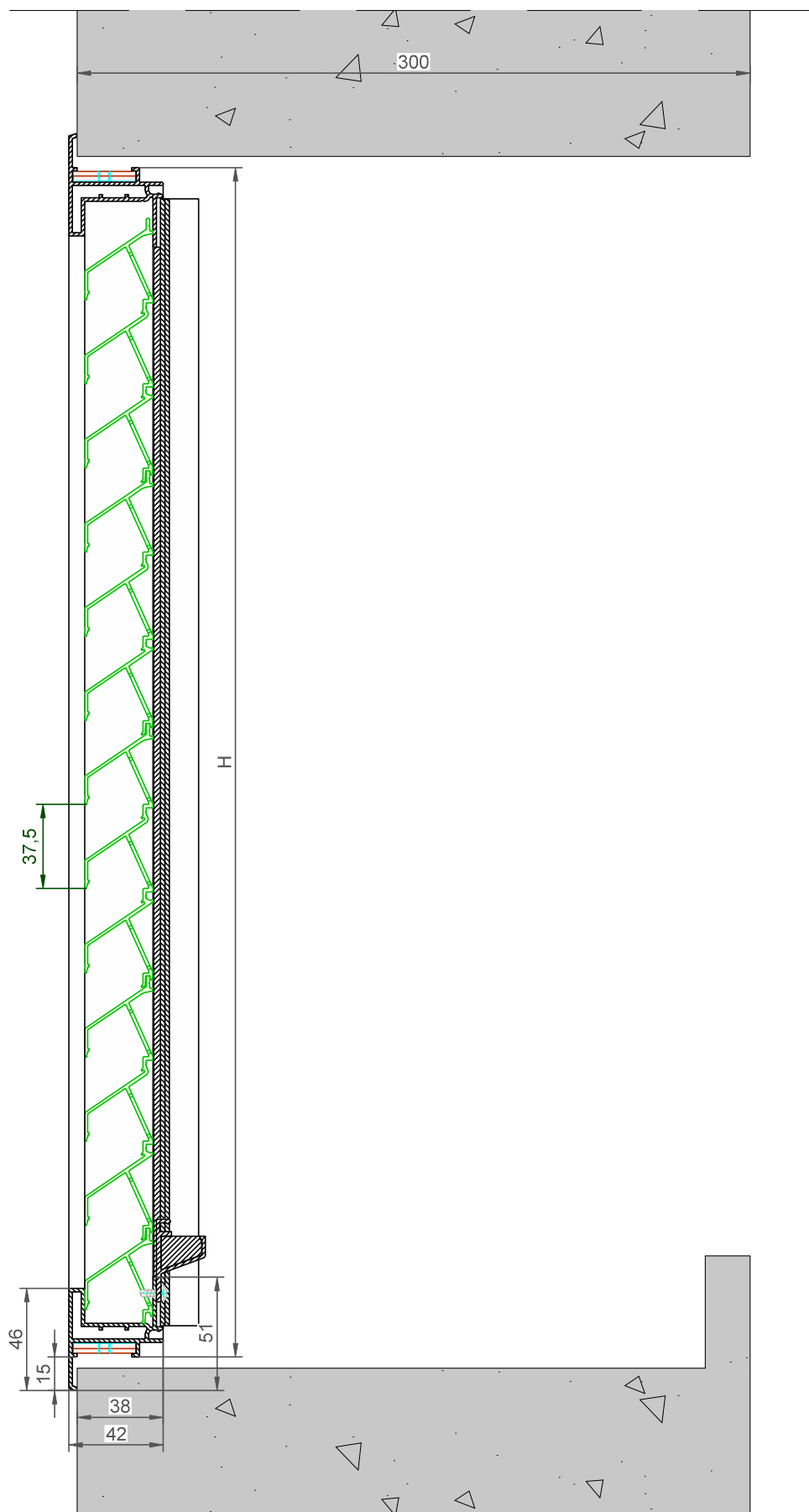
C

B

B

A

A



DucoGrille Solid **G30Z Barrier Load - P1 + Options**

Datum : 31/10/2023

Schaal : 1:2

DUCO
Ventilation & Sun Control

Bedrijvenlaan 2 - 8630 VEURNE
tel. 0032-58/330066 - fax.0032-58/330067
email: info@duco.eu www.duco.eu

Deze tekening is eigendom van Duco Projects en mag niet gekopieerd
noch getoond worden aan derden zonder schriftelijke toestemming

Tol. : ISO 2768-mK

Getekend : SDN/RTN/JHX

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

mm

kg/m

dm²/m

DGS-G30Z-BL-P1 + Options

3

2

1