

TECHNICAL DATA SHEET



| Type | DucoGrille Solid G30Z Barrier Load-P2 | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| DESCRIPTION | Reinforced louvre grille with punched blades. | |
| SHAPE OF BLADE | 30Z punched blades (P2) height 21mm x width 18mm | |
| PITCH | 37,5 mm | |
| FRAME WIDTH | 45 mm | |
| EQUAL LEG OUTER FRAME | 15 mm | |
| FRAME DEPTH | 42 mm | |
| MIN. DIMENSIONS | Width 200mm, Height 200mm. Exception on request. | |
| REACTION TO FIRE | A2-s1,d0 (EN13501-1) | |
| MESH | Aluminium extrusions are perforated and act as insect mesh - standard with insect mesh 2.3 x 2.3 mm | |
| DRIP TRAY PROFILE | extra drip tray on the back of the frame possible as an option | |
| 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 | 86% per meter of punching | |
| PHYSICAL FREE AREA | 48% | |
| AIR FLOW DATA | (EN13030) | standard |
| | Ce | 0,258 |
| | K-factor intake | 15,02 |
| | Cd | 0,253 |
| | K-factor exhaust | 15,62 |
| WATER RESISTANCE | (EN13030) | standard |
| | v = 0 m/s | C |
| | v = 0,5 m/s | C |
| | v = 1 m/s | C |
| | v = 1.5 m/s | D |
| | v = 2 m/s | D |
| | v = 2.5 m/s | D |
| | v = 3 m/s | D |
| v = 3,5 m/s | D | |
| IMPACT RESISTANCE | EN13049 | Class 5 |
| | NF P08-302 | Class H2/C2 |
| FALL-TROUGH PROTECTION | 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

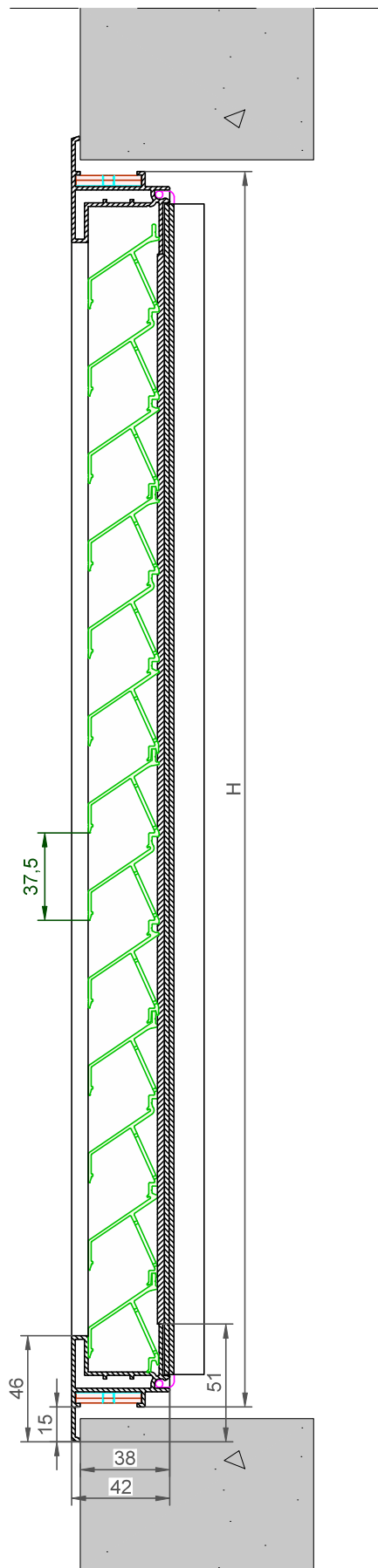
C

B

B

A

A



DucoGrille Solid **G30Z Barrier Load - P2**

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-P2

3

2

1