

TECHNICAL DATA SHEET



| TYPE | DucoWall Screening Acoustic Double Bank 150 | | | | | |
|------------------------|---|--------|-------------------|---------|-------------|---------|
| DESCRIPTION | Acoustic continuous louvre wall | | | | | |
| SHAPE OF BLADE | DWSA 150 Front + DWSA 110 Back | | | | | |
| PITCH | 150,0 mm | | | | | |
| BLADE HEIGHT | 192 mm | | | | | |
| BLADE DEPTH | 238 mm | | | | | |
| INSTALLATION DEPTH | with mullion 40/21 (double) | | 238 mm | | | |
| | with mullion 40/70 double | | 238 mm | | | |
| | with mullion 40/100 double | | 242 mm | | | |
| MAX. BLADE LENGTH | 6000 mm | | | | | |
| MAX. SPAN | 2425 mm @ 800Pa | | | | | |
| STARTING DIMENSION | 12 mm | | | | | |
| REACTION TO FIRE | A2-s1, d0 (EN 13501-1) | | | | | |
| FIRE RESISTANCE | Damping material: non-combustible (NEN 6064) | | | | | |
| MESH | standard without insectmesh frame | | | | | |
| MATERIAL | Aluminium : EN AW-6063 T66 (EN 573-3) Profile thickness : min. 1,5mm | | | | | |
| SURFACE TREATMENT | - polyester powder coated (60-80µm) according Qualicoat Seaside type A - specific RAL codes and/or textured paint on request | | | | | |
| VISUAL FREE AREA | 74% | | | | | |
| PHYSICAL FREE AREA | 35% | | | | | |
| AIR FLOW DATA | (EN13030) | | standard | | | |
| | Ce | | 0,211 | | | |
| | K-factor intake | | 22,46 | | | |
| | Cd | | 0,193 | | | |
| | K-factor exhaust | | 26,85 | | | |
| WATER RESISTANCE | (EN13030) | | standard | | | |
| | 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 | | | |
| ACOUSTIC SPECS | Rw(C;C _{tr}) = 15(-1;-3) dB | | | | | |
| | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
| | 6,0 dB | 4,6 dB | 9,0 dB | 18,5 dB | 23,7 dB | 20,2 dB |
| IMPACT RESISTANCE | | | Impact front | | Impact rear | |
| | EN13049 | | Class 5* | | Class 5* | |
| | NF P08-302 | | Class H2* | | Class C2* | |
| FALL-TROUGH PROTECTION | B03-004 | | Class A/B/C1-4/D* | | | |
| | NEN-EN1991-1-1 | | Class A/B/F/G* | | | |
| | BS6180 | | Class XI* | | | |

*Additional mounting of 2 fall-through protection brackets per blade

3

2

1

D

D

C

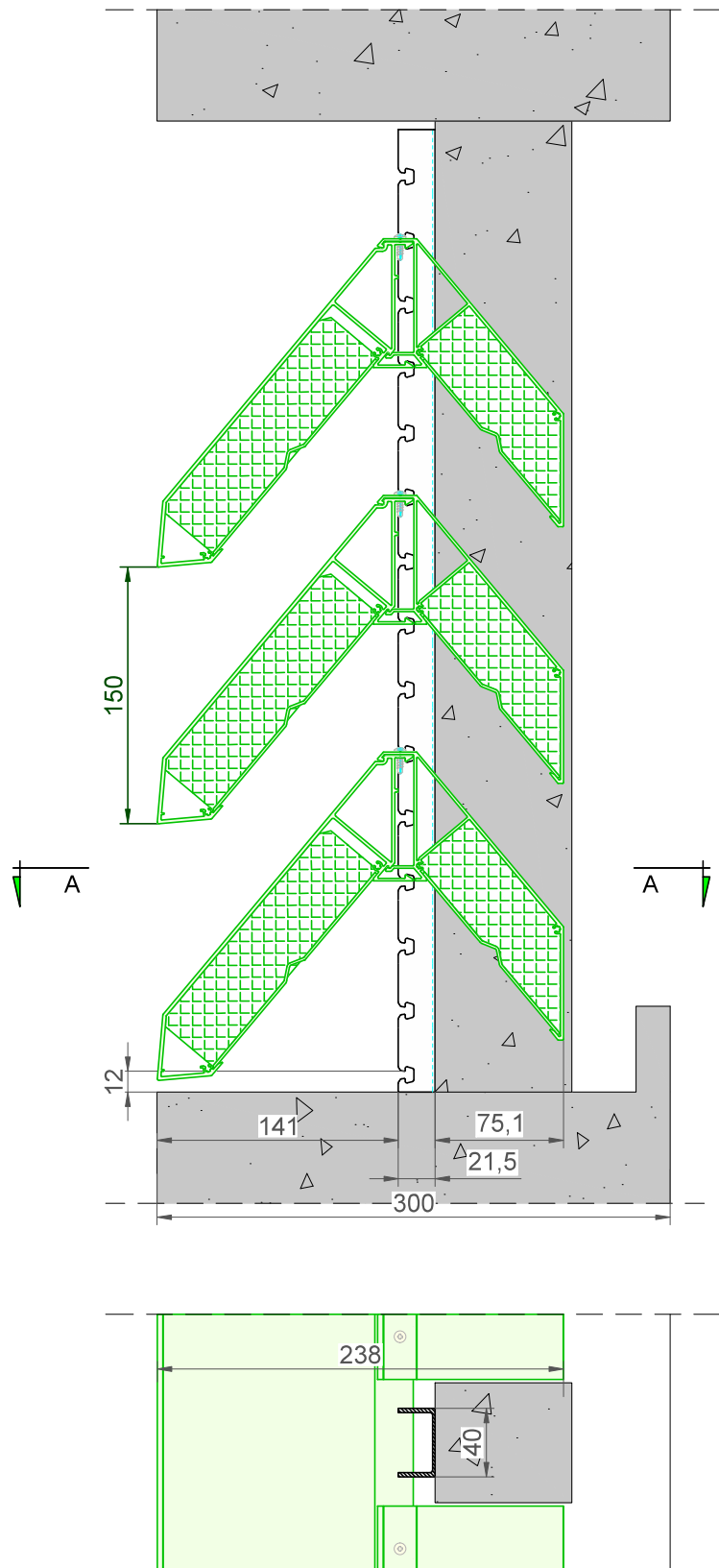
C

B

B

A

A



DucoWall Screening Acoustic **150+110/150** Draagprofiel 40/21 Dubbel

Datum : 13/11/2024

Schaal : 1:3

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

Tol. : ISO 2768-mK

Getekend : SVE

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

mm

kg/m

dm²/m

DWScreening-150+110/150 DP 40/21 Dubbel

Zonder dorpel, geen toplamel beschikbaar

3

2

1