

# TECHNICAL DATA SHEET



| Type                   | Duco Acoustic Panel 300  |        |           |         |         |         |
|------------------------|--|--------|-----------|---------|---------|---------|
| DESCRIPTION            | Louvre "build-in" wall grille with acoustic blades, heavy duty   |        |           |         |         |         |
| SHAPE OF BLADE         | Acoustic 150   |        |           |         |         |         |
| PITCH                  | 130 mm   |        |           |         |         |         |
| FRAME WIDTH            | 25 mm  |        |           |         |         |         |
| EQUAL LEG OUTER FRAME  | 37 mm  |        |           |         |         |         |
| FRAME DEPTH            | 303 mm   |        |           |         |         |         |
| MIN. DIMENSIONS        | Width:<br>Minimum 250mm, Maximum 2964mm (one grille) / With width >2964mm: grille split.<br>ATTENTION with height>=2400mm, width MUST be < 2400mm (transport)<br>Height:<br>Minimum 280mm, Maximum 2989mm, height variable in between<br>ATTENTION with width>=2400mm and <2964mm, height MUST be < 2400mm (transport) |        |           |         |         |         |
| FIXATION               | To the side, through holes provided in the side plates of the module (diameter 5.5 mm, recessed). Fasteners depending on customer structure (not supplied by Duco)   |        |           |         |         |         |
| REACTION TO FIRE       | Damping material: A1 (EN 13501-1)  |        |           |         |         |         |
| FIRE RESISTANCE        | Damping material: non-combustible (NEN 6064)   |        |           |         |         |         |
| MESH                   | - optional with insect mesh 2,3 x 2,3 mm<br>- optional with mesh 6 x 6 mm<br>- optional with mesh 20 x 20 mm   |        |           |         |         |         |
| DRIP TRAY PROFILE      | non, standard bottom sill sloping to the outside slope 5 °   |        |           |         |         |         |
| MATERIAL               | Aluminium : EN AW-6063 T66 (EN 573-3)<br>Profile thickness : min. 1,5mm  |        |           |         |         |         |
| SURFACE TREATMENT      | - standard aluminium anodised (15-20µm) according Qualanod<br>- polyester powder coated (60-80µm) according Qualicoat Seaside type A<br>- specific RAL codes and/or textured paint on request  |        |           |         |         |         |
| VISUAL FREE AREA       | 71%  |        |           |         |         |         |
| PHYSICAL FREE AREA     | 31%  |        |           |         |         |         |
| AIR FLOW DATA          | (EN13030)  |        | standard  |         |         |         |
|                        | Ce   |        | 0,194     |         |         |         |
|                        | K-factor intake  |        | 26,57     |         |         |         |
|                        | Cd   |        | 0,191     |         |         |         |
|                        | K-factor exhaust   |        | 27,41     |         |         |         |
| WATER RESISTANCE       | (EN13030)  |        | standard  |         |         |         |
|                        | v = 0 m/s  |        | C         |         |         |         |
|                        | v = 0,5 m/s  |        | D         |         |         |         |
|                        | v = 1 m/s  |        | D         |         |         |         |
|                        | 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         |         |         |         |
| ACOUSTIC SPECS         | Rw(C;C <sub>tr</sub> ) = 17(-1;-4) dB  |        |           |         |         |         |
|                        | 125 Hz   | 250 Hz | 500 Hz    | 1000 Hz | 2000 Hz | 4000 Hz |
|                        | 6,3 dB   | 5,9 dB | 11,6 dB   | 20,1 dB | 22,7 dB | 21,5 dB |
| IMPACT RESISTANCE      | EN13049  |        | Class 5   |         |         |         |
|                        | NF P03-802   |        | Class Q4  |         |         |         |
| FALL-TROUGH PROTECTION | B03-004  |        | Class C5b |         |         |         |
|                        | NEN-EN1991-1-1   |        | Class C5  |         |         |         |
|                        | NF P01-013   |        | Class C5  |         |         |         |
|                        | BS6180   |        | Class XI  |         |         |         |

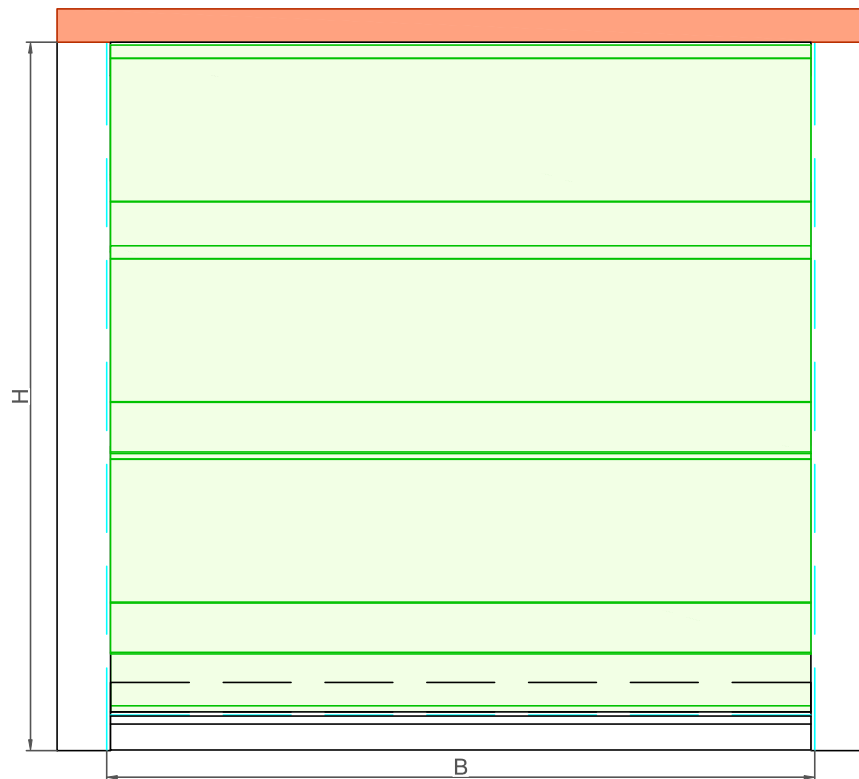
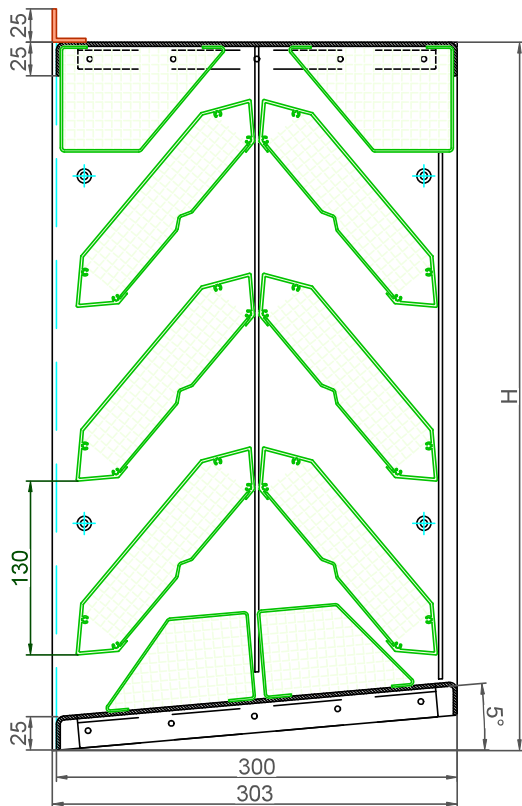
3

2

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D

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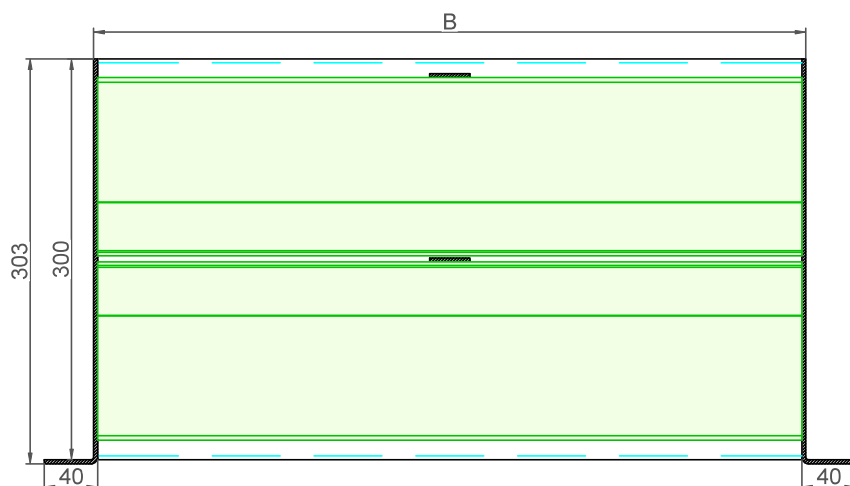


C

C

B

B



A

A

Duco Acoustic Panel 300

Datum : 16/11/2022

Schaal : 1:4

**DUCO**  
Ventilation & Sun Control

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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 : RTN/JHX

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

DAP-300

mm

kg/m

dm<sup>2</sup>/m

3

2

1