

# TECHNICAL DATA SHEET



Type	Duco Acoustic Panel 300					
<b>DESCRIPTION</b>	Louvre "build-in" wall grille with acoustic blades, heavy duty					
<b>SHAPE OF BLADE</b>	Acoustic 150					
<b>PITCH</b>	130 mm					
<b>FRAME WIDTH</b>	25 mm					
<b>EQUAL LEG OUTER FRAME</b>	37 mm					
<b>FRAME DEPTH</b>	303 mm					
<b>MIN. DIMENSIONS</b>	Width: Minimum 250mm, Maximum 2964mm (one grille) / With width >2964mm: grille split. ATTENTION with height ≥ 2400mm, width MUST be < 2400mm (transport) Height: Minimum 280mm, Maximum 2989mm, height variable in between ATTENTION with width ≥ 2400mm and < 2964mm, height MUST be < 2400mm (transport)					
<b>FIXATION</b>	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)					
<b>REACTION TO FIRE</b>	Damping material: A1 (EN 13501-1)					
<b>FIRE RESISTANCE</b>	Damping material: non-combustible (NEN 6064)					
<b>MESH</b>	- optional with insect mesh 2,3 x 2,3 mm - optional with mesh 6 x 6 mm - optional with mesh 20 x 20 mm					
<b>DRIP TRAY PROFILE</b>	non, standard bottom sill sloping to the outside slope 5 °					
<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>	71%					
<b>PHYSICAL FREE AREA</b>	31%					
<b>AIR FLOW DATA</b>	(EN13030)		standard			
	Ce		0,194			
	K-factor intake		26,57			
	Cd		0,191			
	K-factor exhaust		27,41			
<b>WATER RESISTANCE</b>	(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			
<b>ACOUSTIC SPECS</b>	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
<b>IMPACT RESISTANCE</b>	EN13049		Class 5			
	NF P08-302		Class Q4			
<b>FALL-TROUGH PROTECTION</b>	B03-004		Class C5b			
	NEN-EN1991-1-1		Class C5			
	NF P01-013		Class C5			
	BS6180		Class XI			

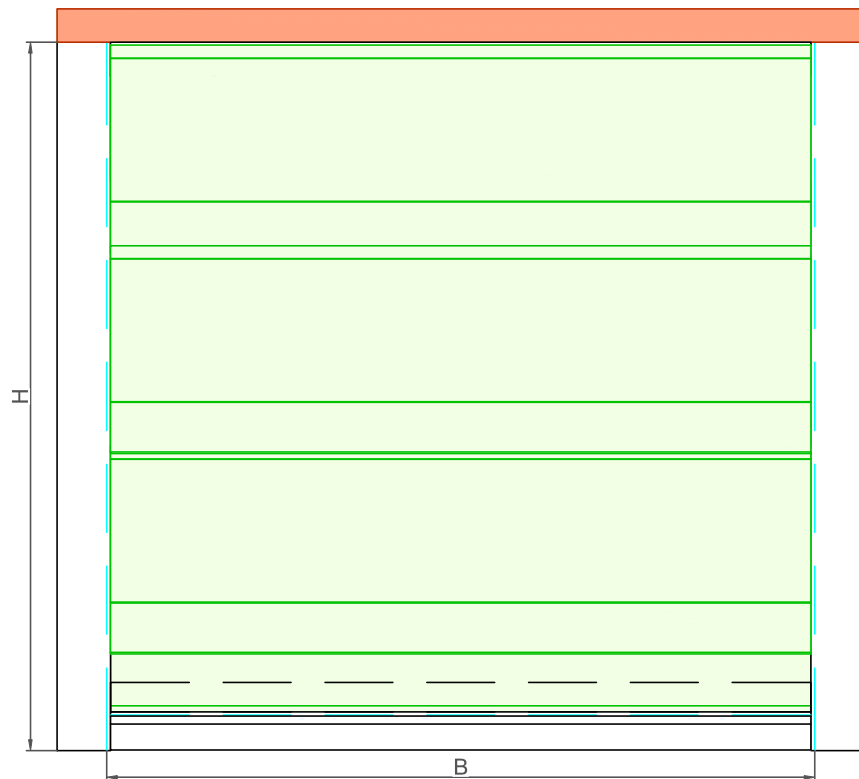
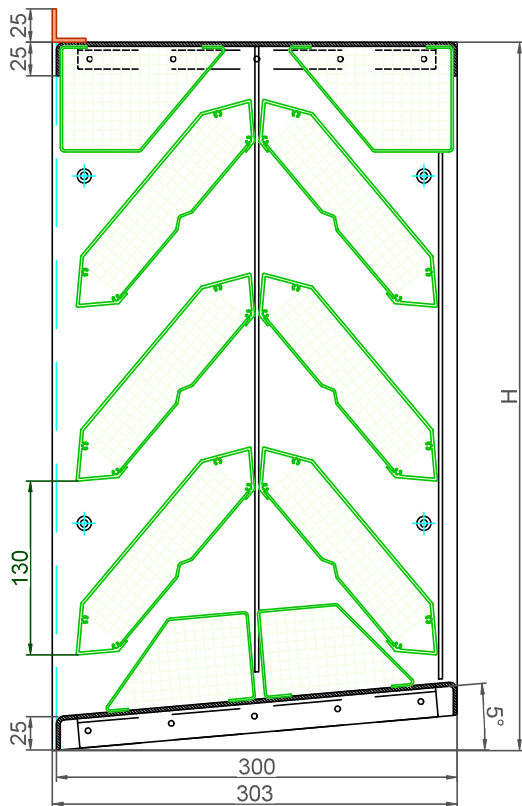
3

2

1

D

D

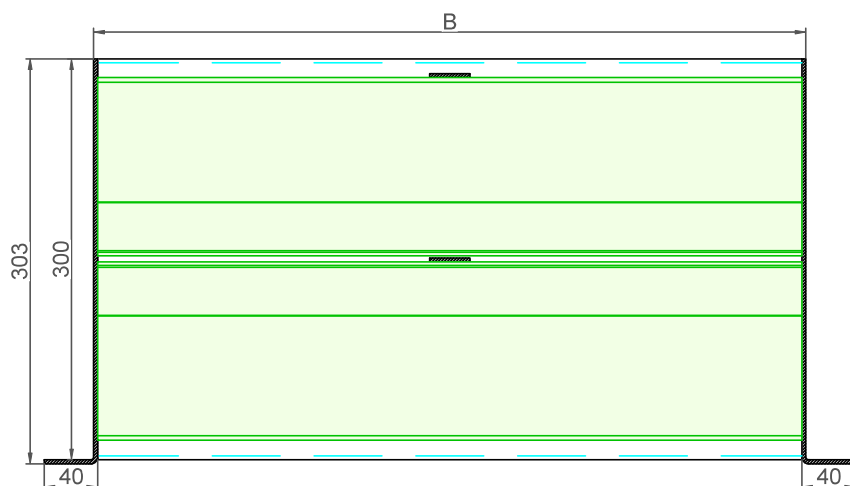


C

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

dm²/m

3

2

1