

TECHNICAL DATA SHEET



Type	Duco Acoustic Panel 300HP					
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: 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)					
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 - optional with mesh 6 x 6 mm - 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) 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	71%					
PHYSICAL FREE AREA	31%					
AIR FLOW DATA	(EN13030)	standard				
	Ce	0,25				
	K-factor intake	16,00				
	Cd	0,244				
	K-factor exhaust	16,80				
WATER RESISTANCE	(EN13030)	standard				
	v = 0 m/s	C				
	v = 0,5 m/s	C				
	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 _{tr}) = 17(-1;-4) dB					
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
	4,7 dB	5,7 dB	11,4 dB	21,9 dB	22,7 dB	21,5 dB
IMPACT RESISTANCE	EN13049	Class 5*				
	NF P08-302	Class Q4*				
FALL-TROUGH PROTECTION	B03-004	Class C5b*				
	NEN-EN1991-1-1	Class A/B/F/G*				
	NF P01-013	Class C1-C5/D*				
	BS6180	Class XI*				

*Depending on fastening and dimensions

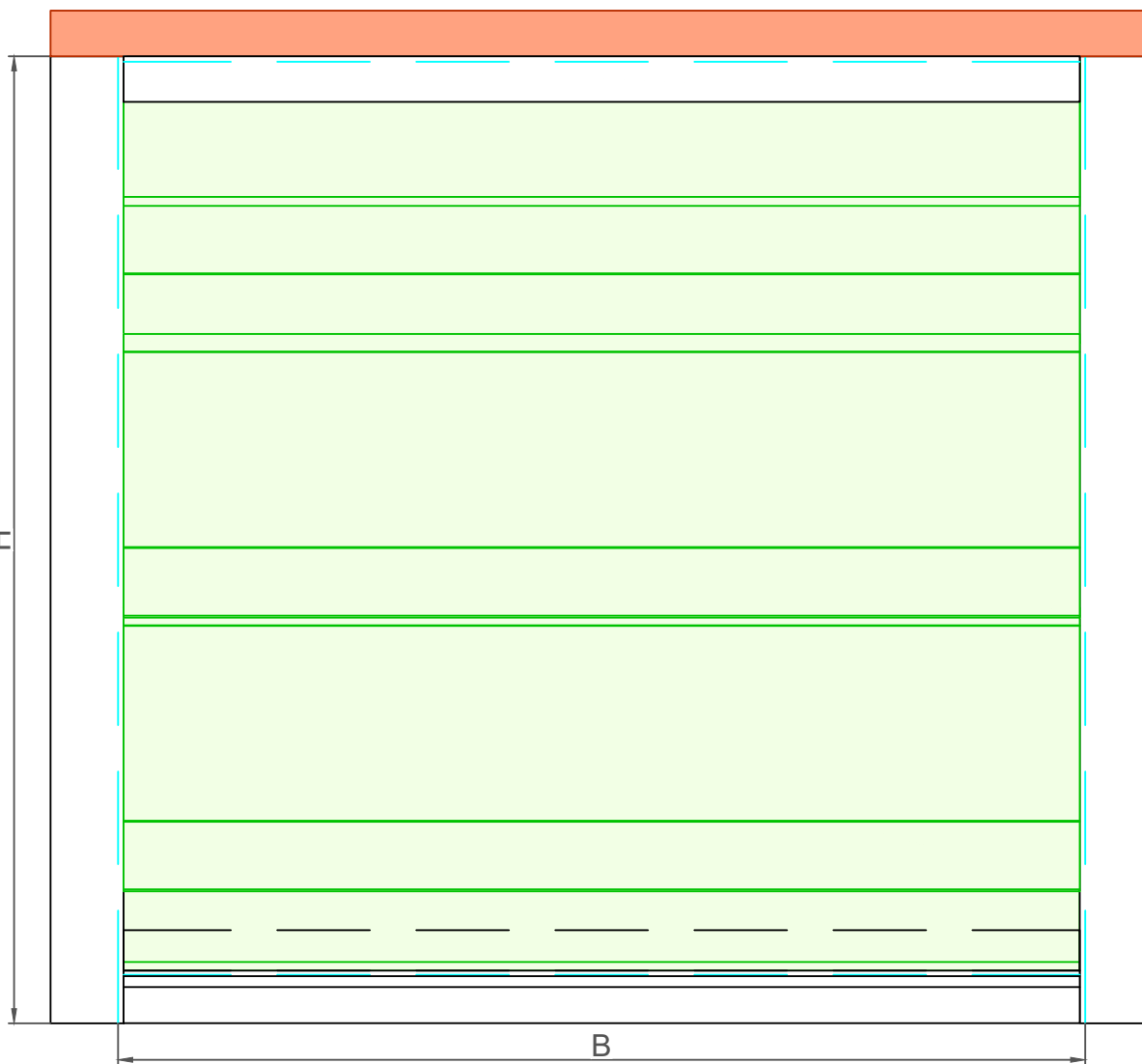
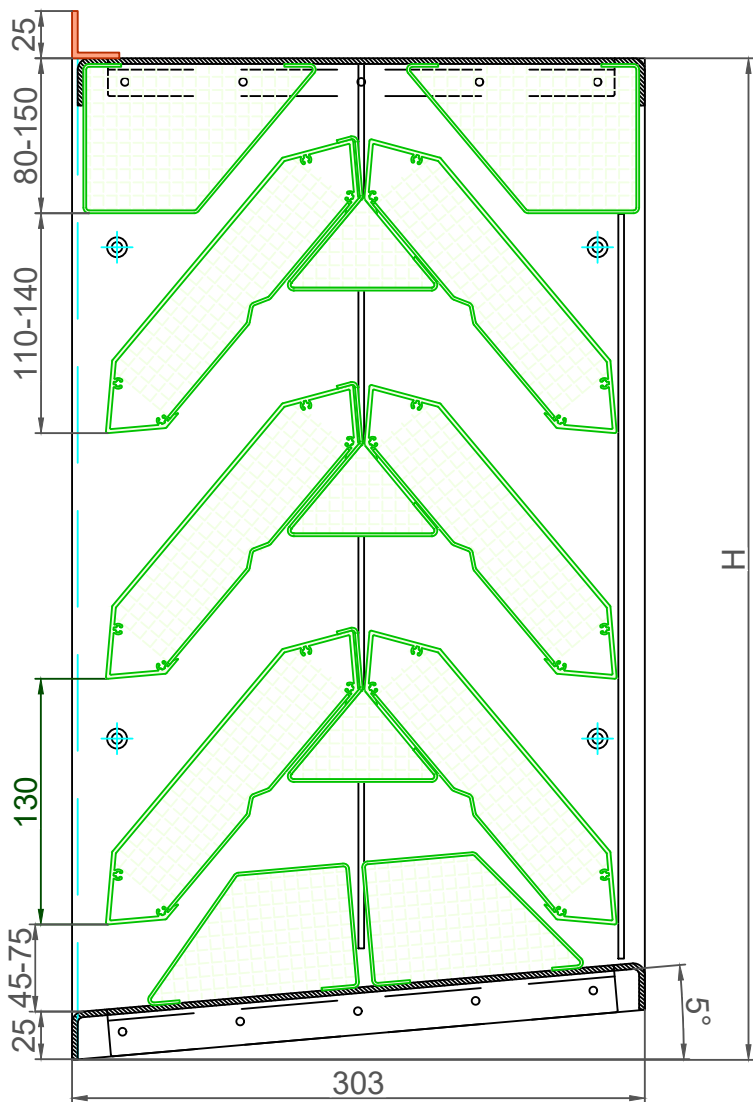
3

2

1

D

D

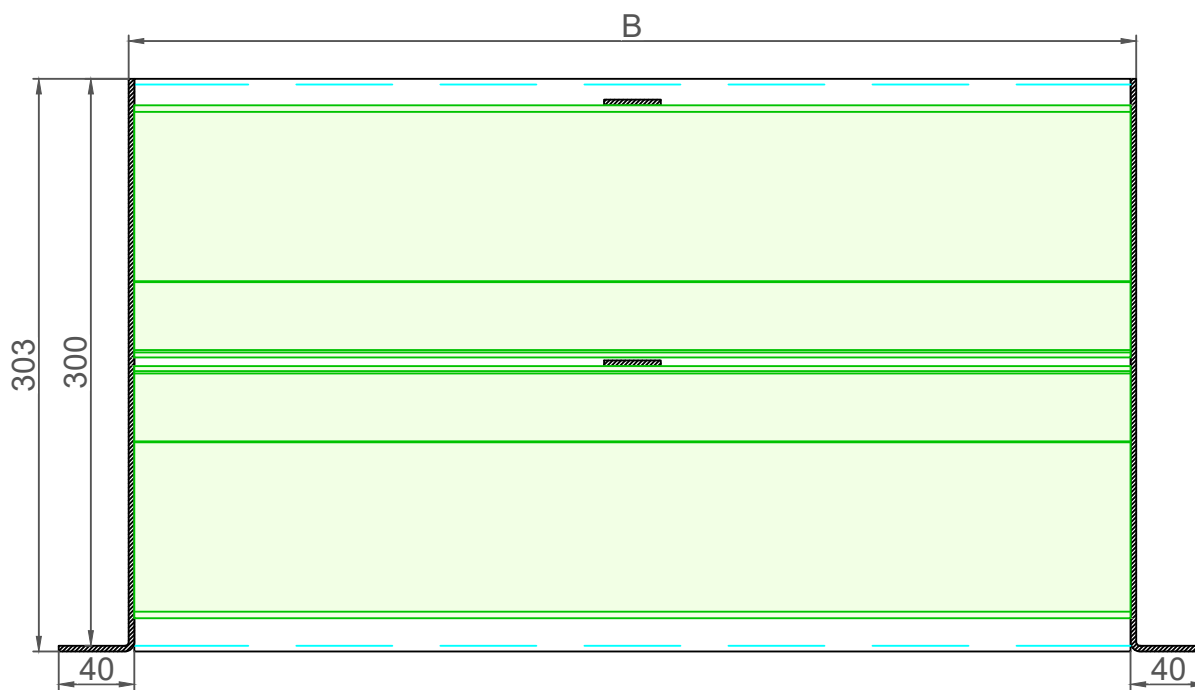


C

C

B

B



A

A

Duco Acoustic Panel 300HP

Datum : 12/05/2026

Schaal : 1:4



Tol. : ISO 2768-mK

Getekend : LNT/SDN

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

DAP-300HP

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

mm

kg/m

dm²/m

3

2

1