

TECHNICAL DATA SHEET



Type	Duco Acoustic Panel 500HP					
DESCRIPTION	Louvre "build-in" wall grille with acoustic blades, heavy duty					
SHAPE OF BLADE	Acoustic 300					
PITCH	150 mm					
FRAME WIDTH	25 mm					
EQUAL LEG OUTER FRAME	37 mm					
FRAME DEPTH	467 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 325mm, 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	75%					
PHYSICAL FREE AREA	31%					
AIR FLOW DATA	(EN13030)		standard			
	Ce		0,256			
	K-factor intake		15,26			
	Cd		0,248			
	K-factor exhaust		16,26			
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}) = 21(-2;-5) dB				
125 Hz		250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
6,7 dB		8,7 dB	18,5 dB	21,6 dB	26,7 dB	27,9 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

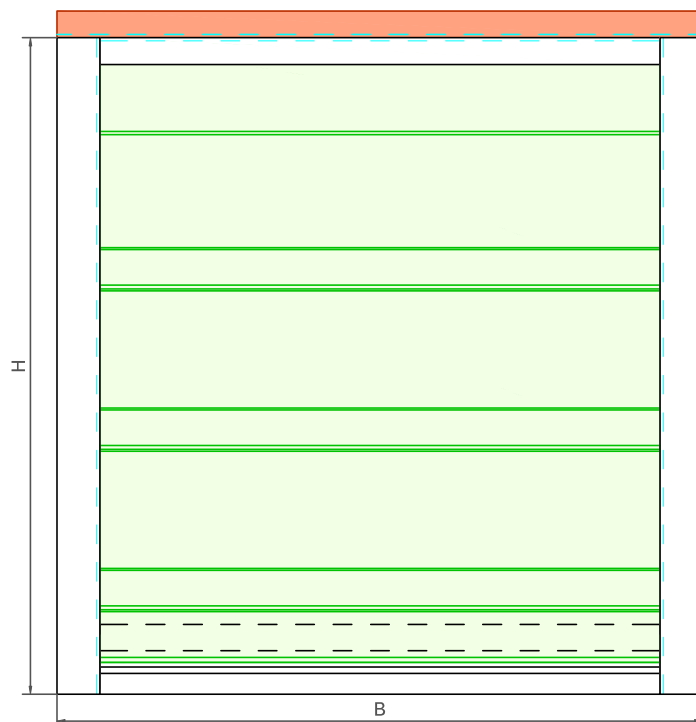
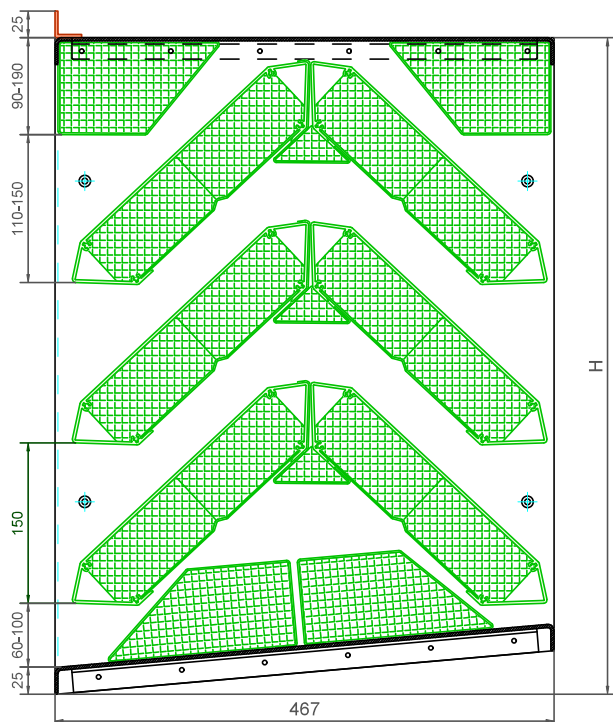
3

2

1

D

D

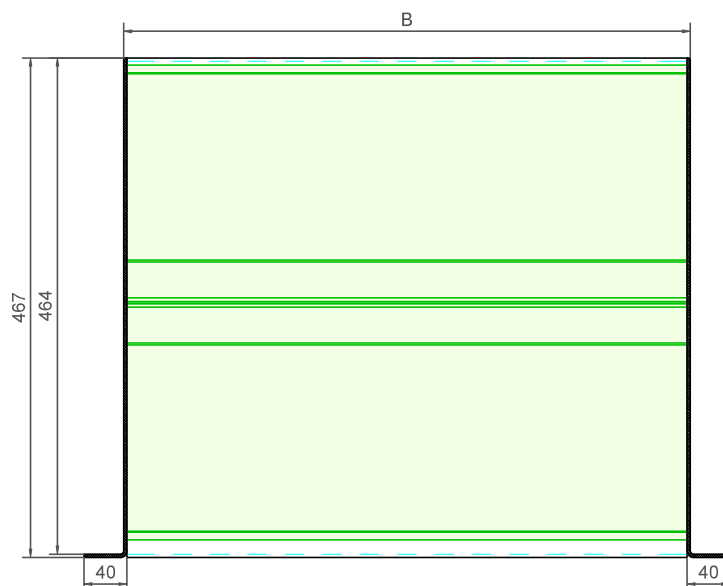


C

C

B

B



A

A

Duco Acoustic Panel 500HP

Datum : 25/06/2025

Schaal : 1:5

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 : SDN/LNT

Mat. :

Ref nr. :

Formaat : A3



omtrek

gewicht

lakoppervl.

Tekening nr. :

DAP-500HP

mm

kg/m

dm²/m

3

2

1