

# TECHNICAL DATA SHEET



TYPE	DucoWall Screening Acoustic Single Bank 112 + options					
DESCRIPTION	Acoustic continuous louvre wall					
SHAPE OF BLADE	DWSA 150 Front					
PITCH	112,5 mm					
BLADE HEIGHT	190 mm					
BLADE DEPTH	150 mm					
INSTALLATION DEPTH	with mullion 40/21 (double)		162 mm			
	with mullion 40/70 double		212 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)					
OPTIONS	Insectmesh frame 2,3 x 2,3mm included test result situation installed in wall					
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	66%					
PHYSICAL FREE AREA	25%					
AIR FLOW DATA	(EN13030)	+ options				
	Ce	0,226				
	K-factor intake	19,58				
	Cd	0,231				
	K-factor exhaust	18,74				
WATER RESISTANCE	(EN13030)	+ options				
	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 <sub>tr</sub> ) = 14(-1;-4) dB					
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
	5,5 dB	4,7 dB	7,1 dB	14,9 dB	21,2 dB	17,3 dB
IMPACT RESISTANCE		Impact front		Impact rear		
	EN13049	Klasse 5*		Class 5*		
	NF P08-302	Klasse 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

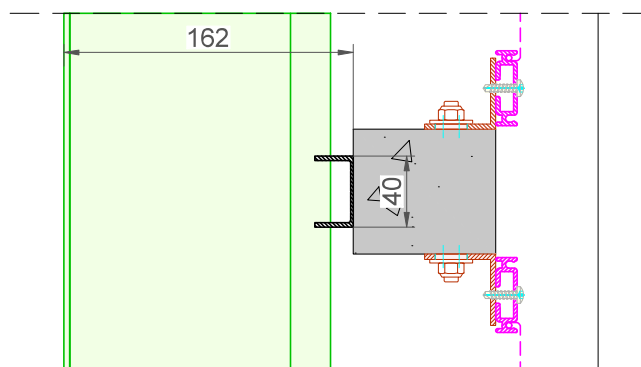
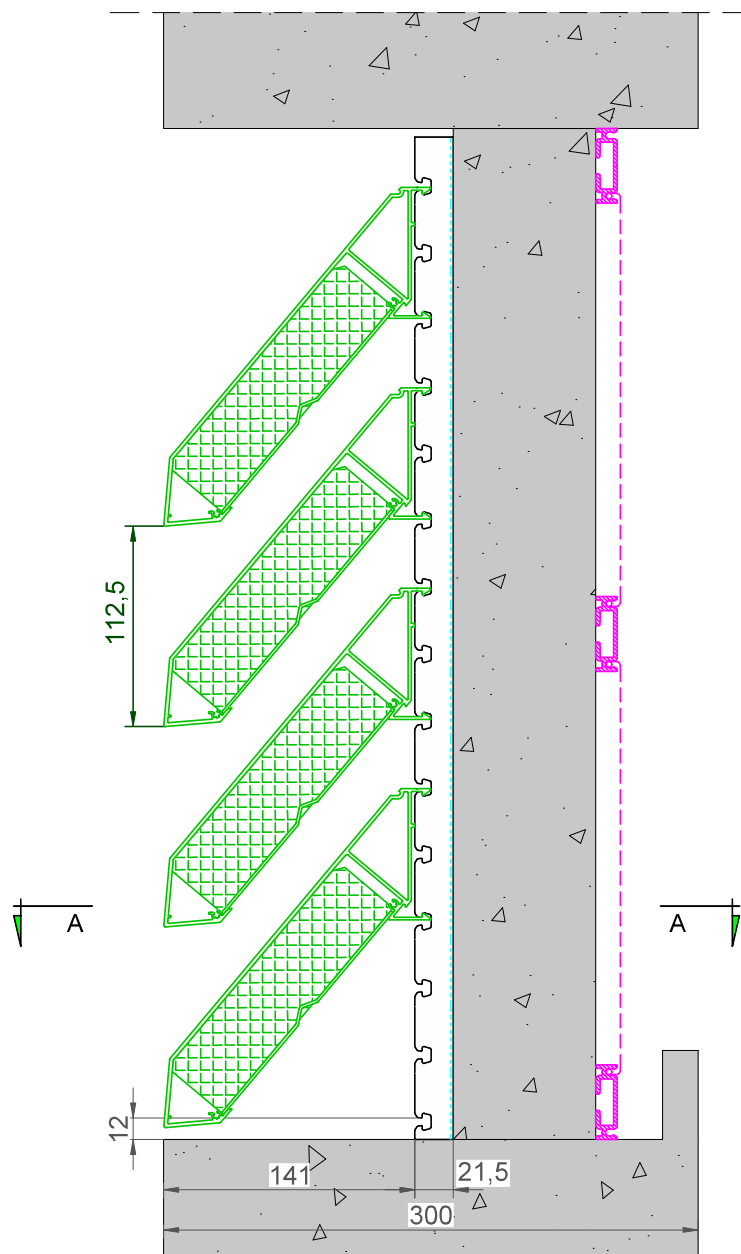
C

B

B

A

A



DucoWall Screening Acoustic **150/112 + Options** Draagprofiel 40/21 Dubbel

Datum : 13/11/2024

Schaal : 1:3

**DUCO**  
Ventilation & Sun Control

Bedrijvenlaan 2, - 8630 VEURNE  
tel. 0032-58/330066 - fax.0032-58/330067  
email: info@duco.eu www.duco.eu

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

dm<sup>2</sup>/m

DWScreening+150/112 DP 40/21 Dubbel + Options

Zonder dorpel, geen toplamel beschikbaar

3

2

1