TYPE F (wall)

THICKNESS +-18 mm

WEIGHT 11 kg/m²

MATERIAL COMPOSITIION

- Core of 16 mm in MDF
- High-quality two-sided HPL finish (EN 438) of Abet Laminati
- Acoustic absorbing spun glass fabric

STD. MEASUREMENTS

- 3030 x 192 mm (tongue/groove)
- 3030 x 1200 mm (veneer)
- 3030 x 1280 mm (HPL)

Made-to-measure on request.

PERFORATION

Standard 16 % continuous slits
Blade/groove: 5.2/2.8 mm

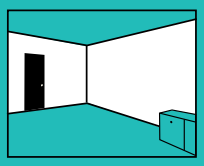
TOP LAYER

Print HPL 0.9 mm.
On request: lacquer, powdercoated, veneer or digital print.

CORE

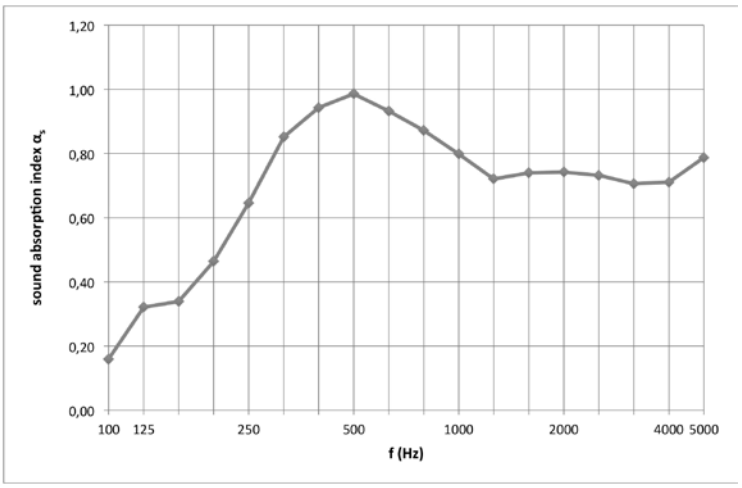
Black waterresistant MDF.
On request: standard MDF, red or black flame retardant MDF (B-s1-d0).

TEST SETUP IN LAB: WALLS



TOTAL THICKNESS 88 mm

f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	12,46	8,10	0,16
125	**12,44**	**5,99**	**0,32**
160	9,04	4,95	0,34
200	8,77	4,19	0,46
250	**8,73**	**3,47**	**0,65**
315	8,74	2,91	0,85
400	8,78	2,72	0,94
500	**9,02**	**2,66**	**0,99**
630	9,71	2,83	0,93
800	9,55	2,95	0,87
1000	**9,17**	**3,09**	**0,80**
1250	8,24	3,18	0,72
1600	7,14	2,97	0,74
2000	**6,03**	**2,77**	**0,74**
2500	4,85	2,53	0,73
3150	3,76	2,26	0,71
4000	**2,93**	**1,96**	**0,71**
5000	2,18	1,58	0,79



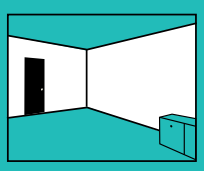
f(Hz)	αp
125	0,25
250	0,65
500	0,95
1000	0,80
2000	0,75
4000	0,75

αw =	0,80 ( )
acoustical absorption class :	B

Type F 16 % 5.2/2.8 mm

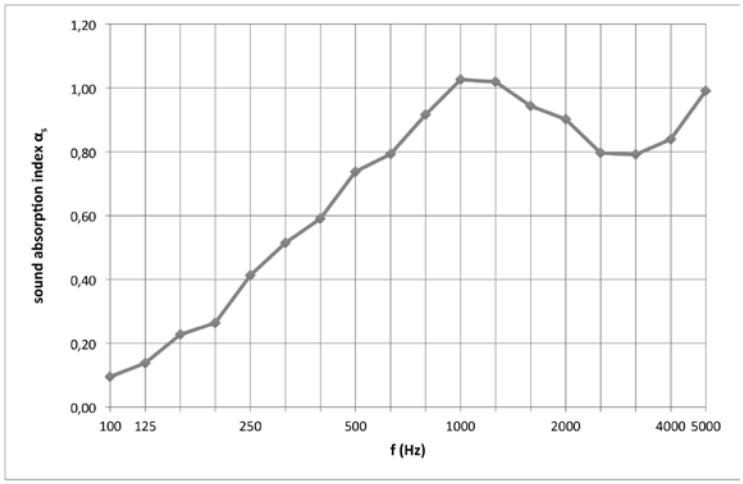
Mounted on a wooden frame with a thickness of 70 mm, filled with 50 mm of Rockfit 431 adapt 40 kg/m³.

TEST SETUP IN LAB: WALLS



TOTAL THICKNESS 38 mm

f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	12,23	9,33	0,09
125	**10,79**	**7,72**	**0,14**
160	9,82	6,15	0,23
200	9,09	5,54	0,26
250	**9,36**	**4,61**	**0,41**
315	9,30	4,09	0,51
400	9,26	3,77	0,59
500	**9,40**	**3,30**	**0,74**
630	10,04	3,22	0,79
800	9,95	2,90	0,92
1000	**9,73**	**2,66**	**1,03**
1250	8,92	2,61	1,02
1600	7,72	2,63	0,94
2000	**6,69**	**2,56**	**0,90**
2500	5,44	2,52	0,80
3150	4,32	2,25	0,79
4000	**3,40**	**1,92**	**0,84**
5000	2,54	1,51	0,99



f(Hz)	αp
125	0,15
250	0,40
500	0,70
1000	1,00
2000	0,90
4000	0,85

αw =	0,70 (MH)
acoustical absorption class :	C

Type F 16 % 5.2/2.8 mm

Mounted on a wooden frame with a thickness of 20 mm, filled with 20 mm of PRIMAWOOL 22.5 kg/m³.

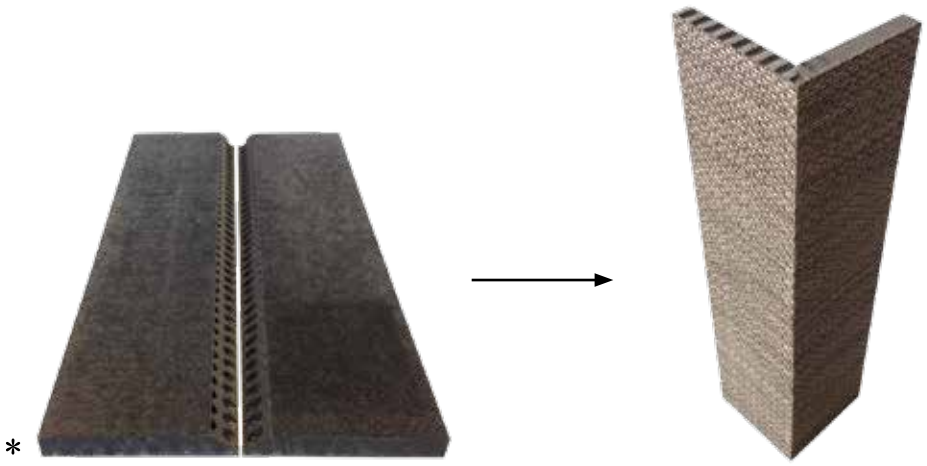
TYPE F (wall)

INSTALLATION see page 50

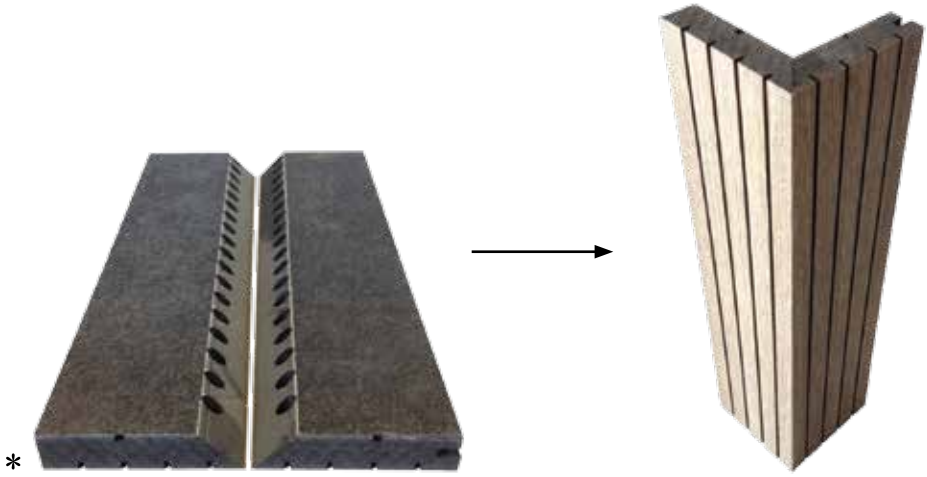
Type F 16 % 5.2/2.8 mm

% perfo	total thickness	α_w	NRC* see page 7	SAA** see page 7
16 %	88 mm	**0.80**	0.80	0.79
	38 mm	**0.70**	0.75	0.74

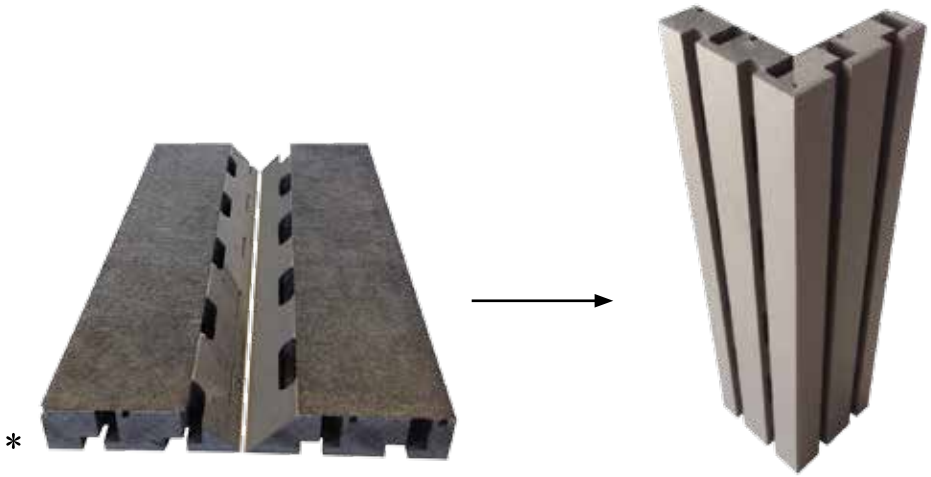
* You are responsible for the mitre cutting of the panels.



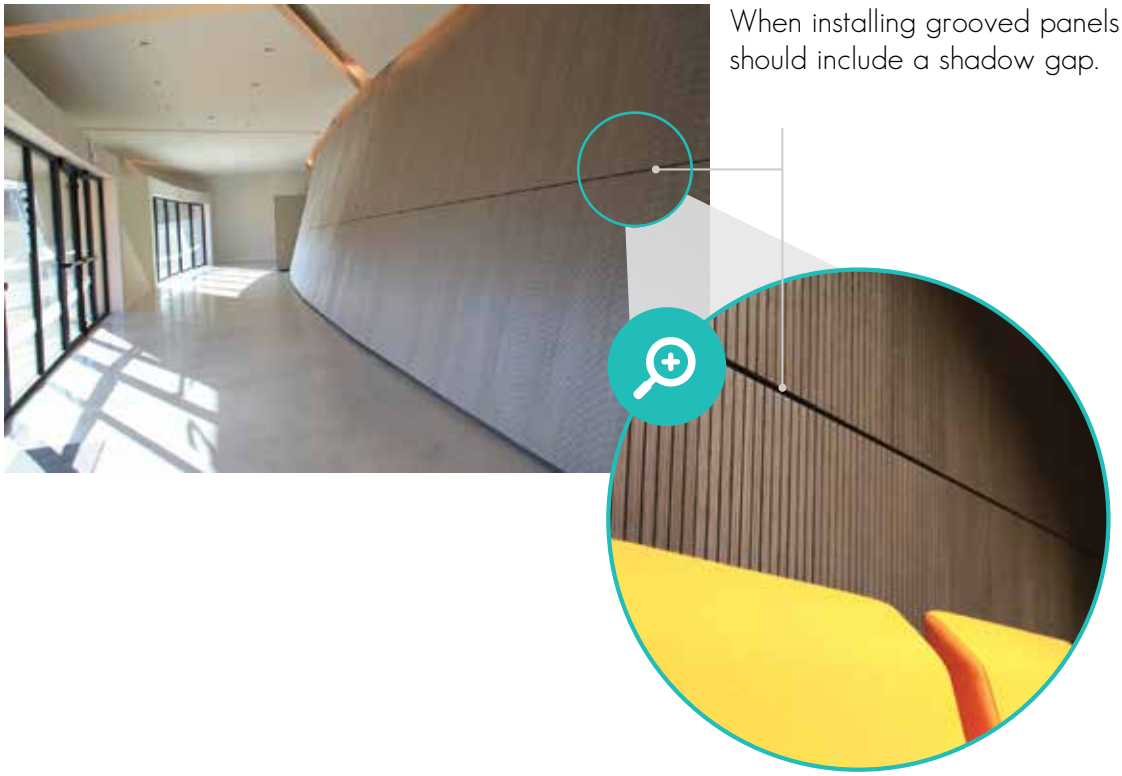
Example of mitre cutting of exterior angles - TYPE I



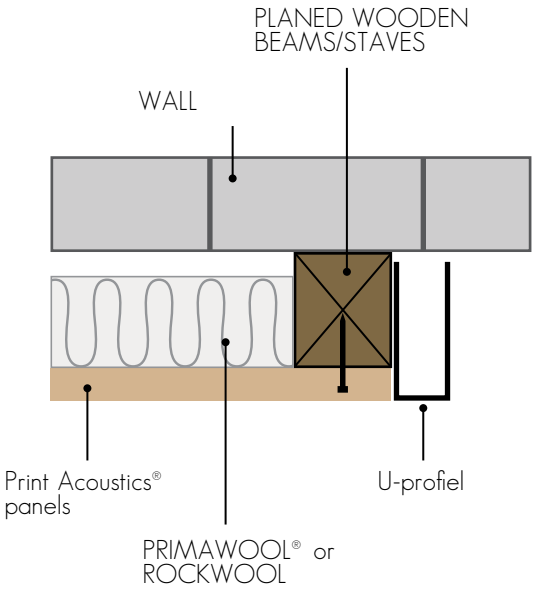
Example of mitre cutting of exterior angles - TYPE G



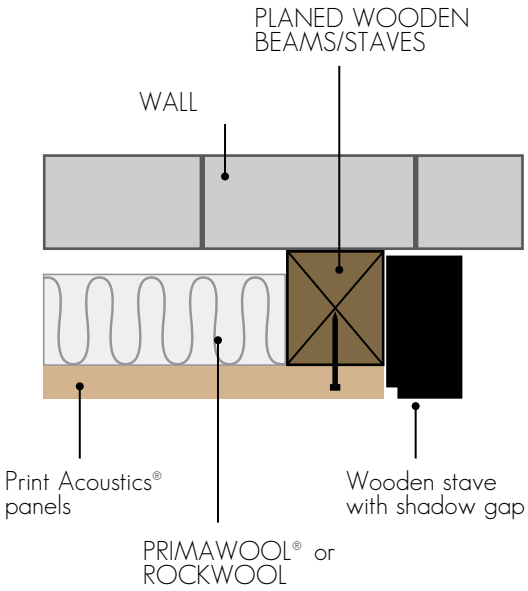
Example of mitre cutting of exterior angles - TYPE Z



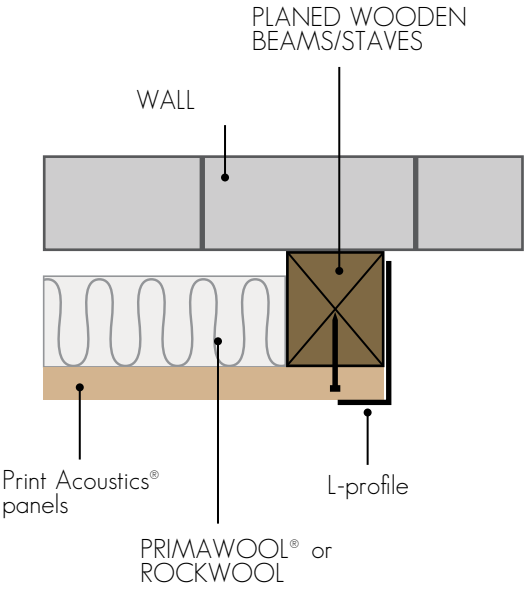
When installing grooved panels you should include a shadow gap.



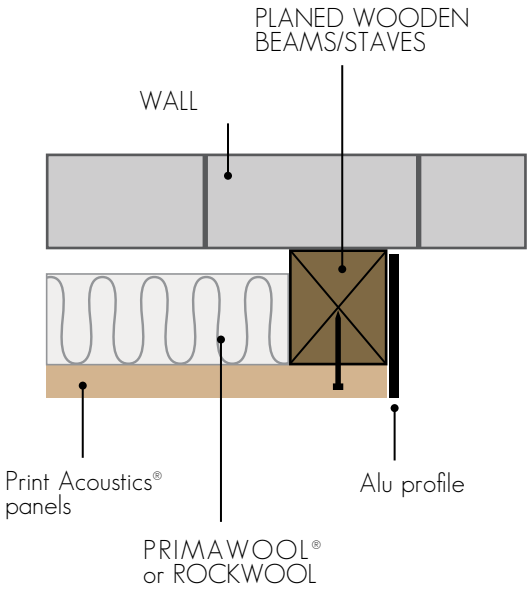
Example of finishing border with aluminium U-profile - TYPE I



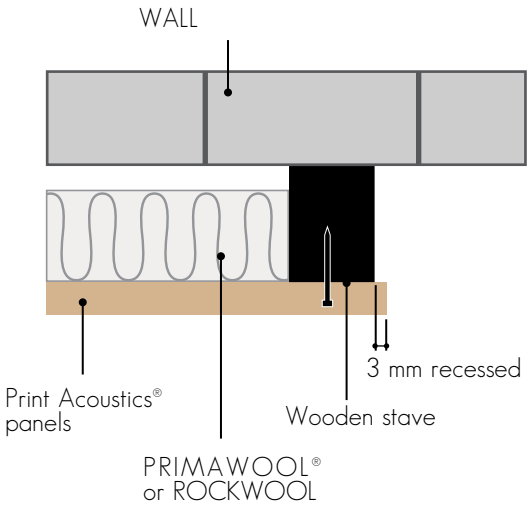
Example of finishing border with wooden stave - TYPE I



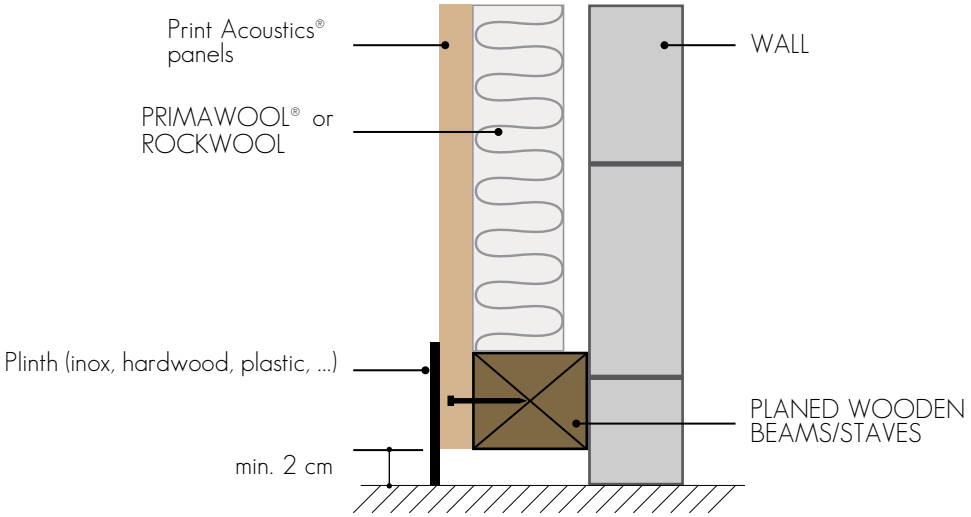
Example of finishing border with aluminium L-profile - TYPE I



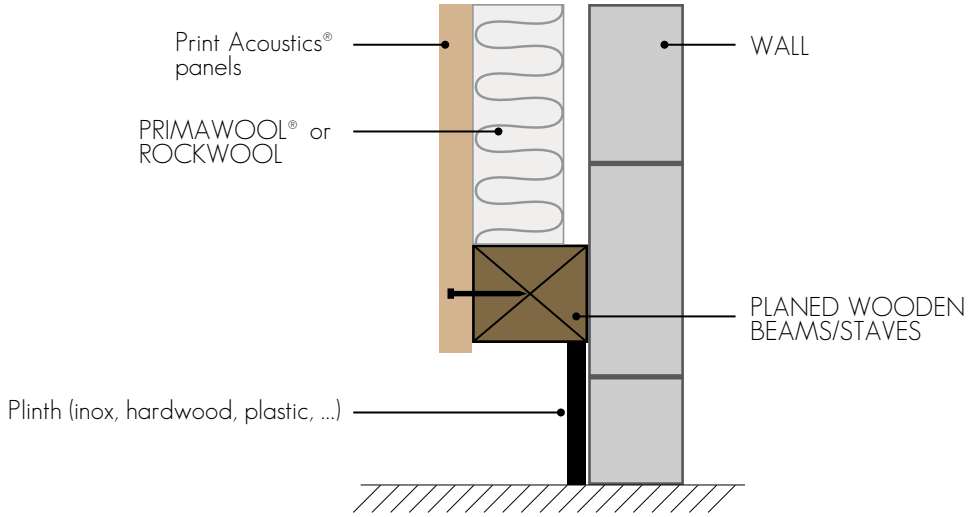
Example of finishing border with aluminium profile - TYPE I



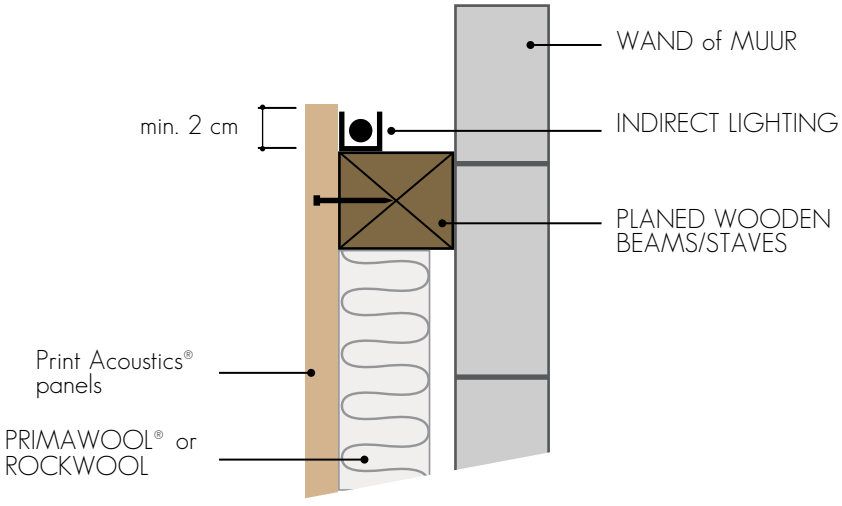
Example of finishing border with recessed wooden stave - TYPE I



Example of finishing with plinth - version 1



Example of finishing with plinth - version 2



Example of finishing with inderect LED lighting on top