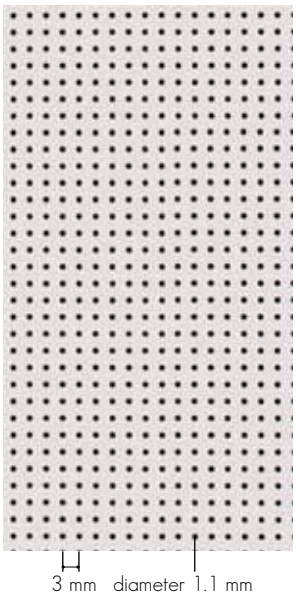
TYPE M (wall)



THICKNESS +-20 mm

WEIGHT 11 kg/m²

MATERIAL COMPOSITIION

- Core of 2 x 9 mm in MDF
- High-quality two-sided HPL finish (EN 438) of Abet Laminati
- Acoustic absorbing spun glass fabric (centre)

STD. MEASUREMENTS

- 3020 x1270 mm (HPL)

Made-to-measure on request.

PERFORATION

Std. 4.7 % microperforations diameter 1.1 mm (linear, 3/3/1.1).

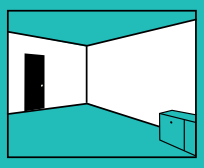
TOP LAYER

Print HPL 0.9 mm.
On request: digital print.

CORE

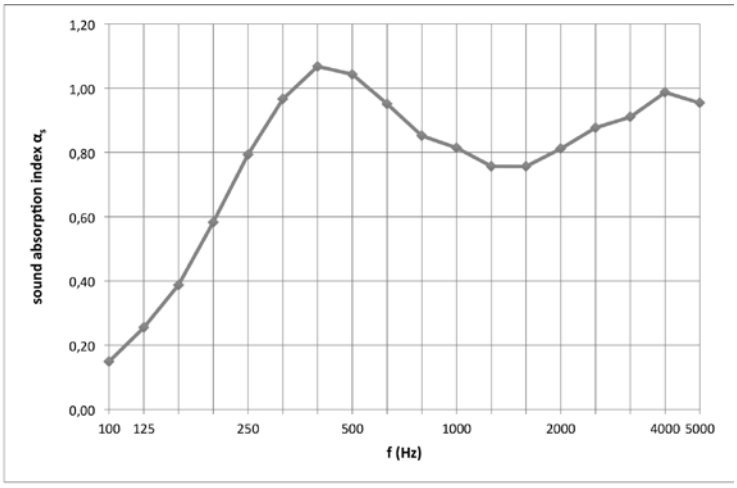
Black waterresistant MDF.
On request: standard MDF, red or black flame retardant MDF (B-s1-d0).

TEST SETUP IN LAB: WALLS



TOTAL THICKNESS 90 mm

f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	11,85	8,03	0,15
125	**10,45**	**6,08**	**0,25**
160	9,96	4,89	0,39
200	10,61	3,99	0,58
250	**9,51**	**3,14**	**0,79**
315	9,36	2,73	0,97
400	9,34	2,54	1,07
500	**9,39**	**2,58**	**1,04**
630	10,31	2,83	0,95
800	10,03	3,05	0,85
1000	**9,78**	**3,13**	**0,81**
1250	8,94	3,21	0,76
1600	7,75	3,07	0,76
2000	**6,58**	**2,79**	**0,81**
2500	5,29	2,47	0,88
3150	4,12	2,20	0,91
4000	**3,23**	**1,91**	**0,99**
5000	2,41	1,69	0,95



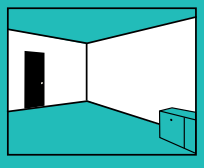
f(Hz)	αp
125	0,25
250	0,80
500	1,00
1000	0,80
2000	0,80
4000	0,95

αw = 0,85 ( )
acoustical absorption class : B

Type M 4.7 % 3/3/1.1

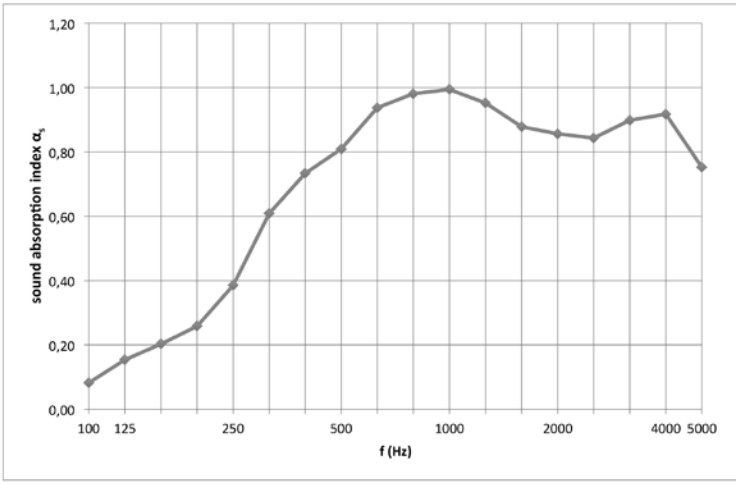
Mounted on a wooden frame with a thickness of 70 mm, filled with 50 mm of Rockfit 431 adapt 40 kg/m³.

TEST SETUP IN LAB: WALLS



TOTAL THICKNESS 40 mm

f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	12,23	9,64	0,08
125	**10,79**	**7,49**	**0,15**
160	9,82	6,41	0,20
200	9,09	5,59	0,26
250	**9,36**	**4,78**	**0,38**
315	9,30	3,71	0,61
400	9,26	3,30	0,73
500	**9,40**	**3,11**	**0,81**
630	10,04	2,87	0,94
800	9,95	2,76	0,98
1000	**9,73**	**2,72**	**0,99**
1250	8,92	2,73	0,95
1600	7,72	2,75	0,88
2000	**6,69**	**2,64**	**0,86**
2500	5,44	2,44	0,84
3150	4,32	2,11	0,90
4000	**3,40**	**1,84**	**0,92**
5000	2,54	1,66	0,75



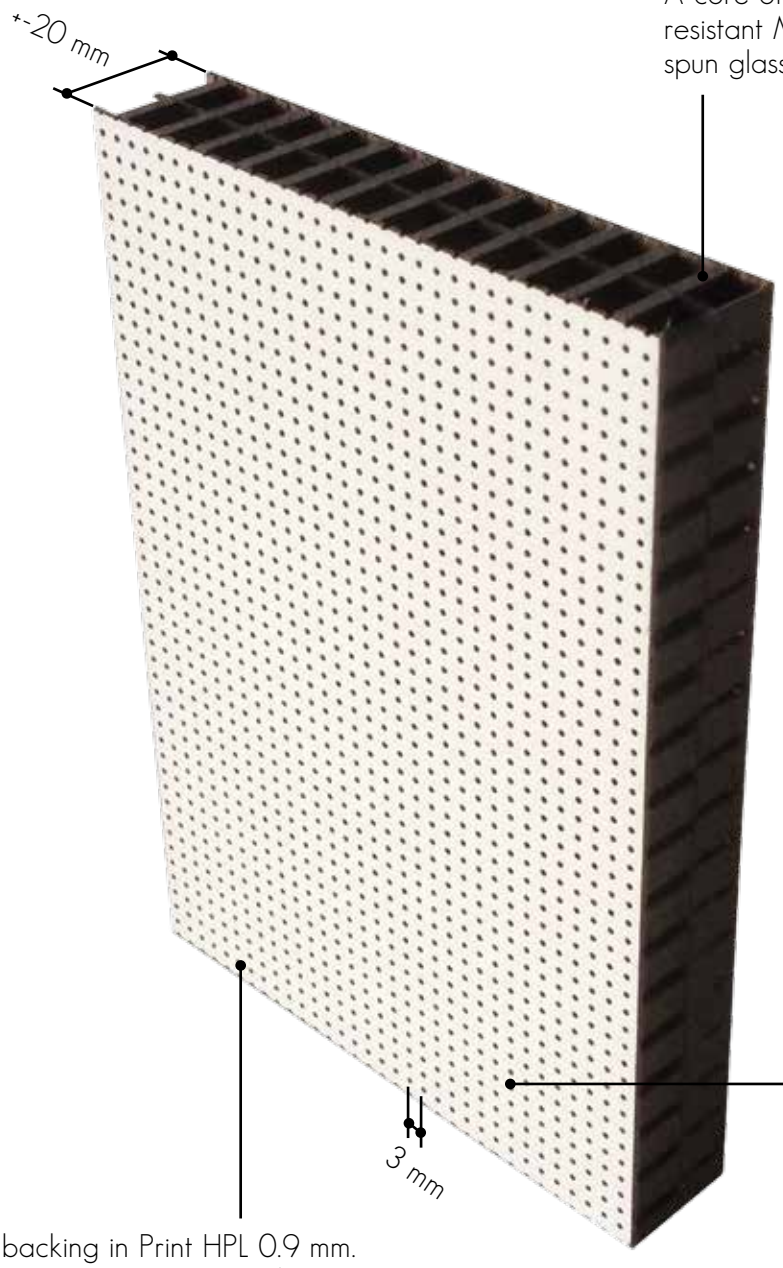
f(Hz)	αp
125	0,15
250	0,40
500	0,85
1000	1,00
2000	0,85
4000	0,85

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

Type M 4.7 % 3/3/1.1

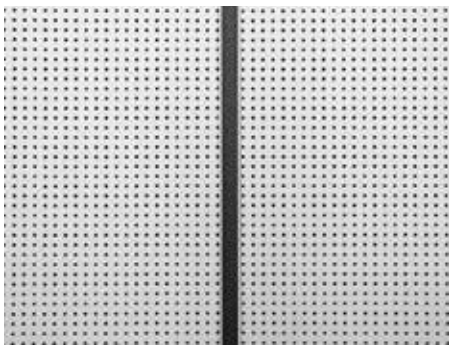
Mounted on a wooden frame with a thickness of 20 mm, filled with 20 mm of PRIMAWOOL 22.5 kg/m³.

INSTALLATION see page 52

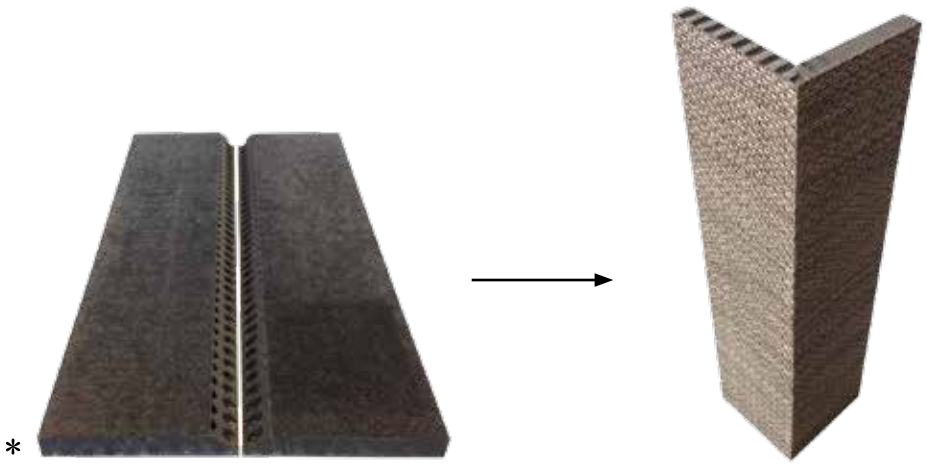


Type M 4.7 % 3/3/1.1

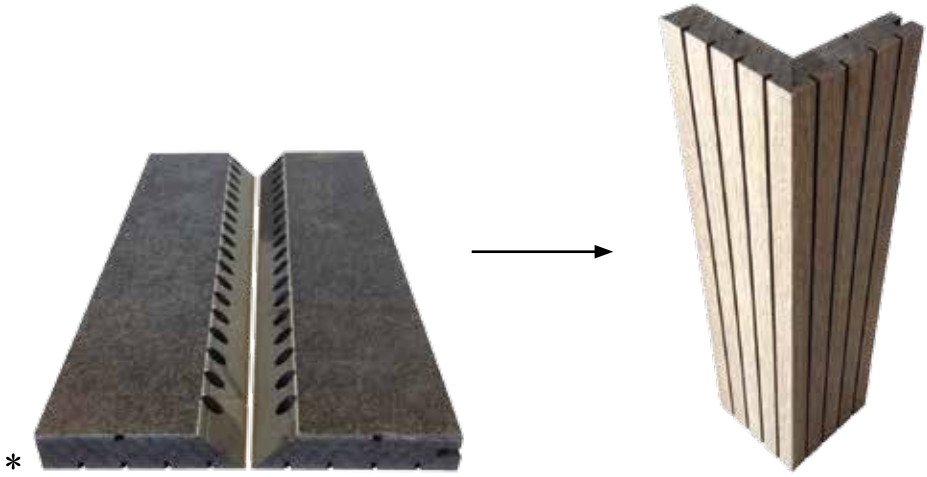
% perfo	total thickness	α_w	NRC* see page 7	SAA** see page 7
4.7 %	90 mm	**0.85**	0.85	0.86
	40 mm	**0.70**	0.75	0.77



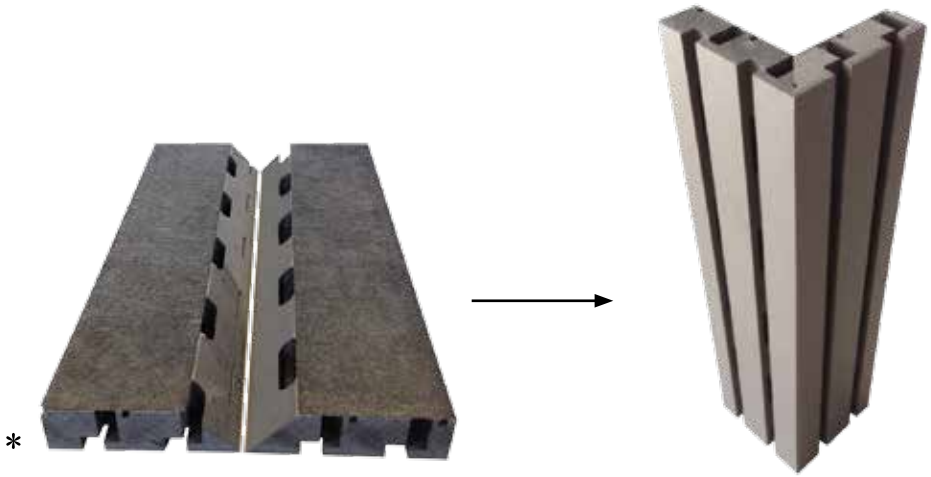
* You are responsible for the mitre cutting of the panels.



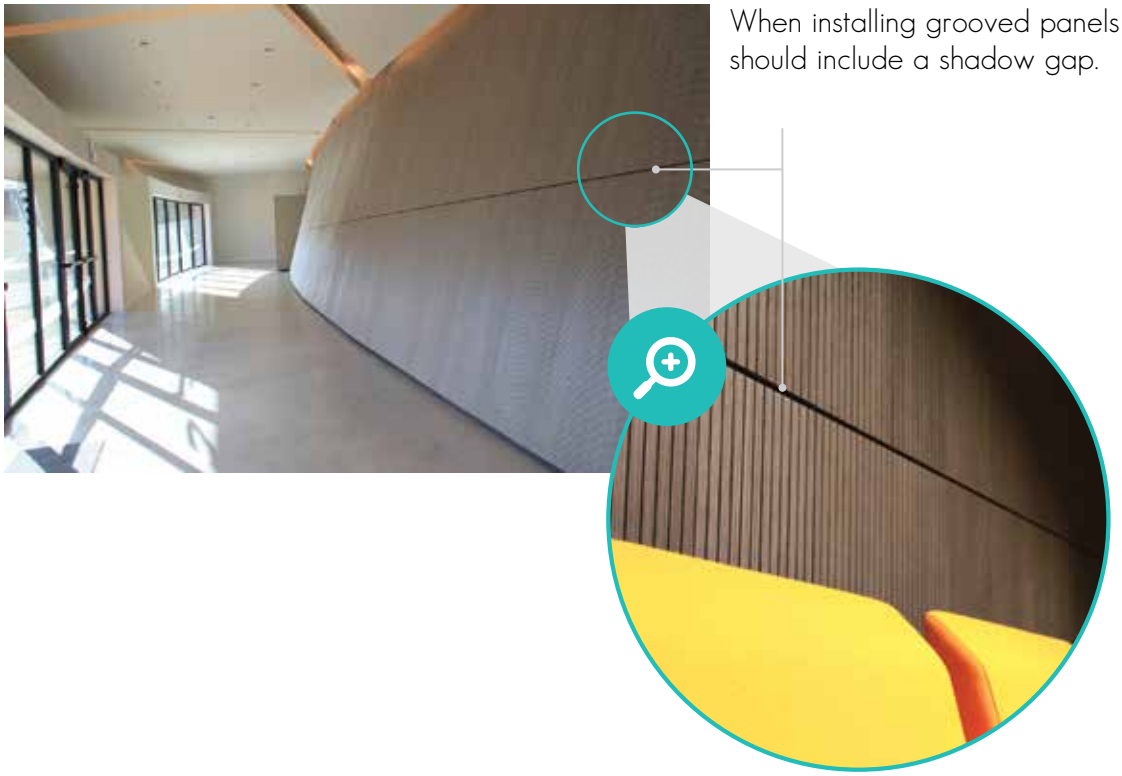
Example of mitre cutting of exterior angles - TYPE I



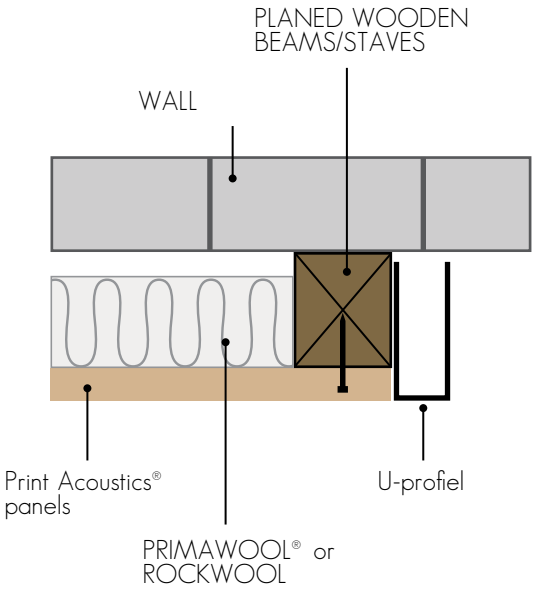
Example of mitre cutting of exterior angles - TYPE G



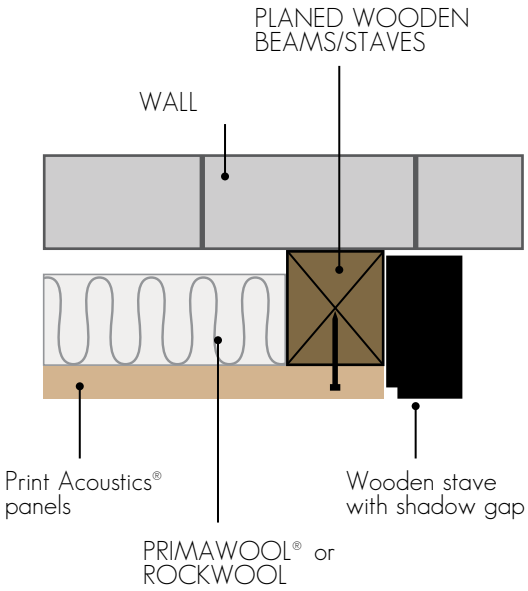
Example of mitre cutting of exterior angles - TYPE Z



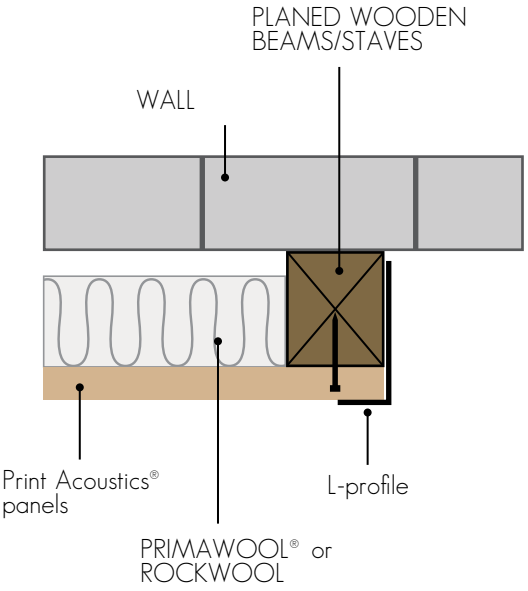
When installing grooved panels you should include a shadow gap.



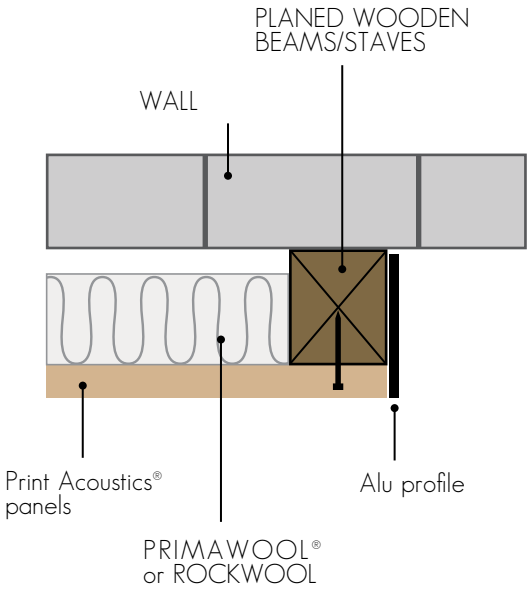
Example of finishing border with aluminium U-profile - TYPE I



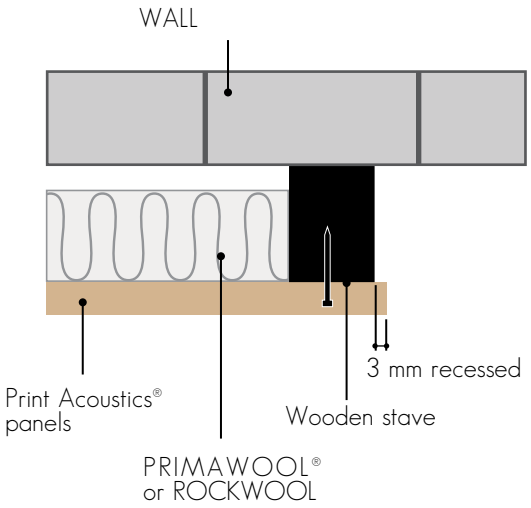
Example of finishing border with wooden stave - TYPE I



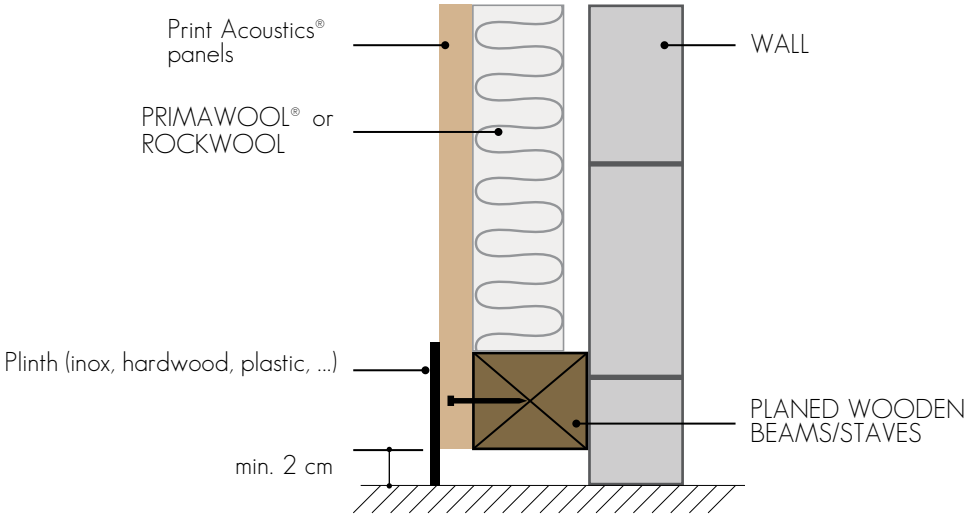
Example of finishing border with aluminium L-profile - TYPE I



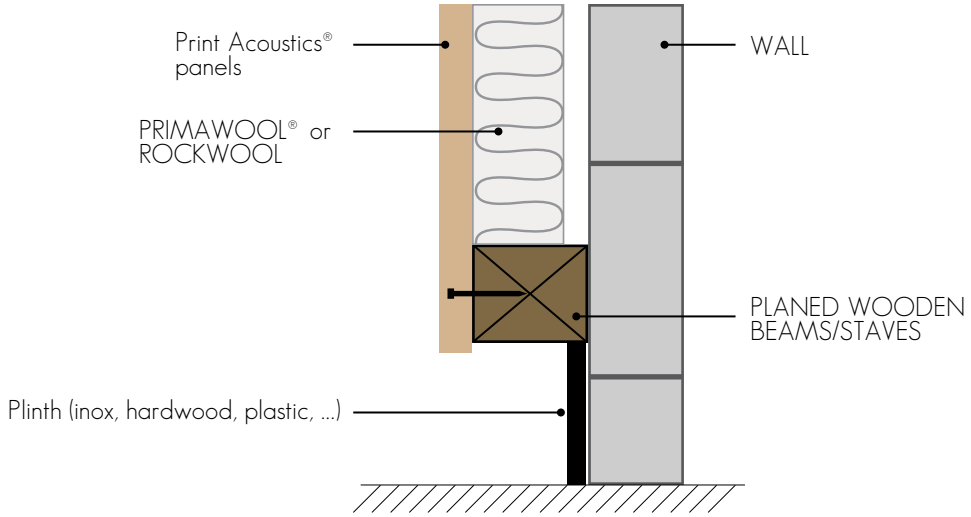
Example of finishing border with aluminium profile - TYPE I



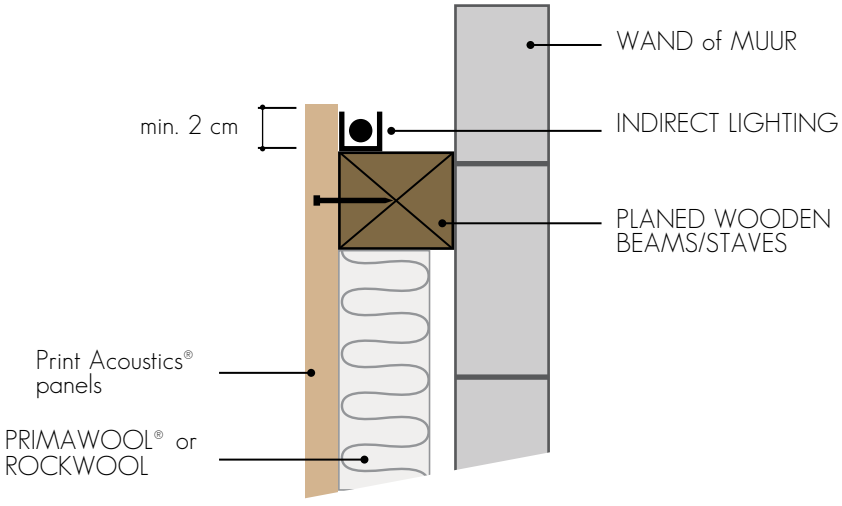
Example of finishing border with recessed wooden stave - TYPE I



Example of finishing with plinth - version 1



Example of finishing with plinth - version 2



Example of finishing with inderect LED lighting on top