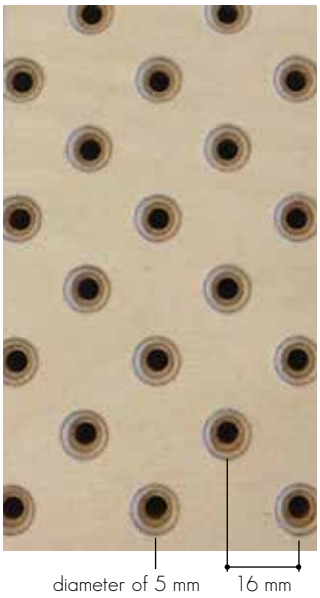
TYPE C (wall)



THICKNESS +-18 mm

WEIGHT 10 kg/m²

MATERIAL COMPOSITIION

- Core of 18 mm in MX
- Acoustic absorbing spun glass fabric

STD. MEASUREMENTS

- 3040 x 1280 mm

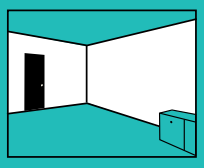
PERFORATION

Std 7.7%. Type C16d 5/23/23. Chanfrein 12 mm. Made-to-measure on request.

OPTIONAL

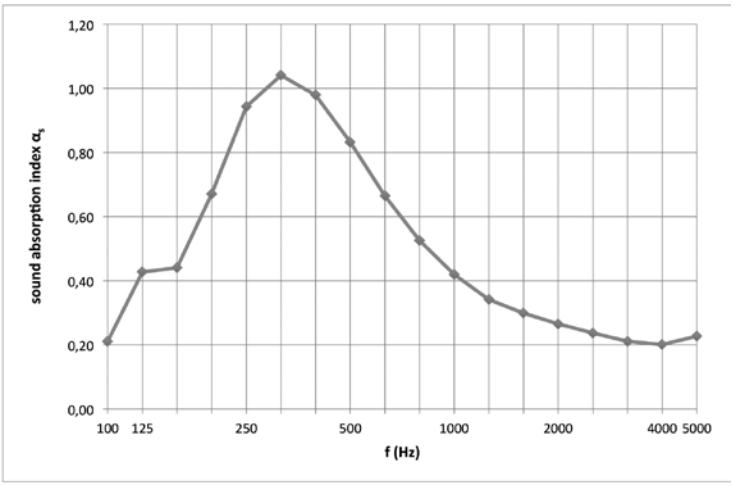
Toplayer in HPL possible.

TEST SETUP IN LAB: WALLS



TOTAL THICKNESS 88 mm

f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	12,46	7,29	0,21
125	**12,44**	**5,12**	**0,43**
160	9,04	4,36	0,44
200	8,77	3,40	0,67
250	**8,73**	**2,72**	**0,94**
315	8,74	2,54	1,04
400	8,78	2,65	0,98
500	**9,02**	**2,98**	**0,83**
630	9,71	3,55	0,66
800	9,55	4,06	0,53
1000	**9,17**	**4,51**	**0,42**
1250	8,24	4,71	0,34
1600	7,14	4,58	0,30
2000	**6,03**	**4,30**	**0,27**
2500	4,85	3,82	0,24
3150	3,76	3,24	0,21
4000	**2,93**	**2,69**	**0,20**
5000	2,18	2,07	0,23



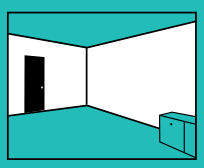
f(Hz)	αp
125	0,35
250	0,90
500	0,85
1000	0,45
2000	0,25
4000	0,20

αw =	0,30 (	LM	)
acoustical absorption class :			D

Type C 7.7 % C16d 5/23/23

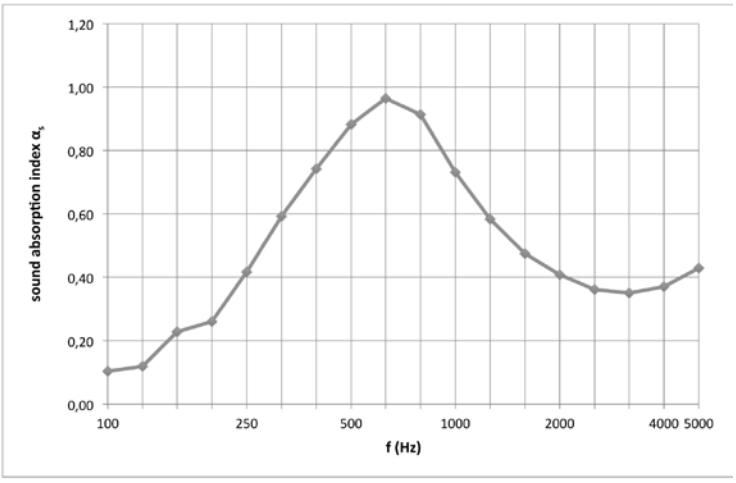
Mounted on a wooden frame with a thickness of 70 mm, filled with 50 mm of Rockfit 431 adapt 40 kg/m³.

TEST SETUP IN LAB: WALLS



TOTAL THICKNESS 38 mm

f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	12,23	9,12	0,10
125	**10,79**	**8,00**	**0,12**
160	9,82	6,13	0,23
200	9,09	5,56	0,26
250	**9,36**	**4,57**	**0,42**
315	9,30	3,75	0,59
400	9,26	3,26	0,74
500	**9,40**	**2,92**	**0,88**
630	10,04	2,79	0,96
800	9,95	2,89	0,91
1000	**9,73**	**3,34**	**0,73**
1250	8,92	3,71	0,58
1600	7,72	3,88	0,47
2000	**6,69**	**3,84**	**0,41**
2500	5,44	3,54	0,36
3150	4,32	3,04	0,35
4000	**3,40**	**2,51**	**0,37**
5000	2,54	1,94	0,43



f(Hz)	αp
125	0,15
250	0,40
500	0,85
1000	0,75
2000	0,40
4000	0,40

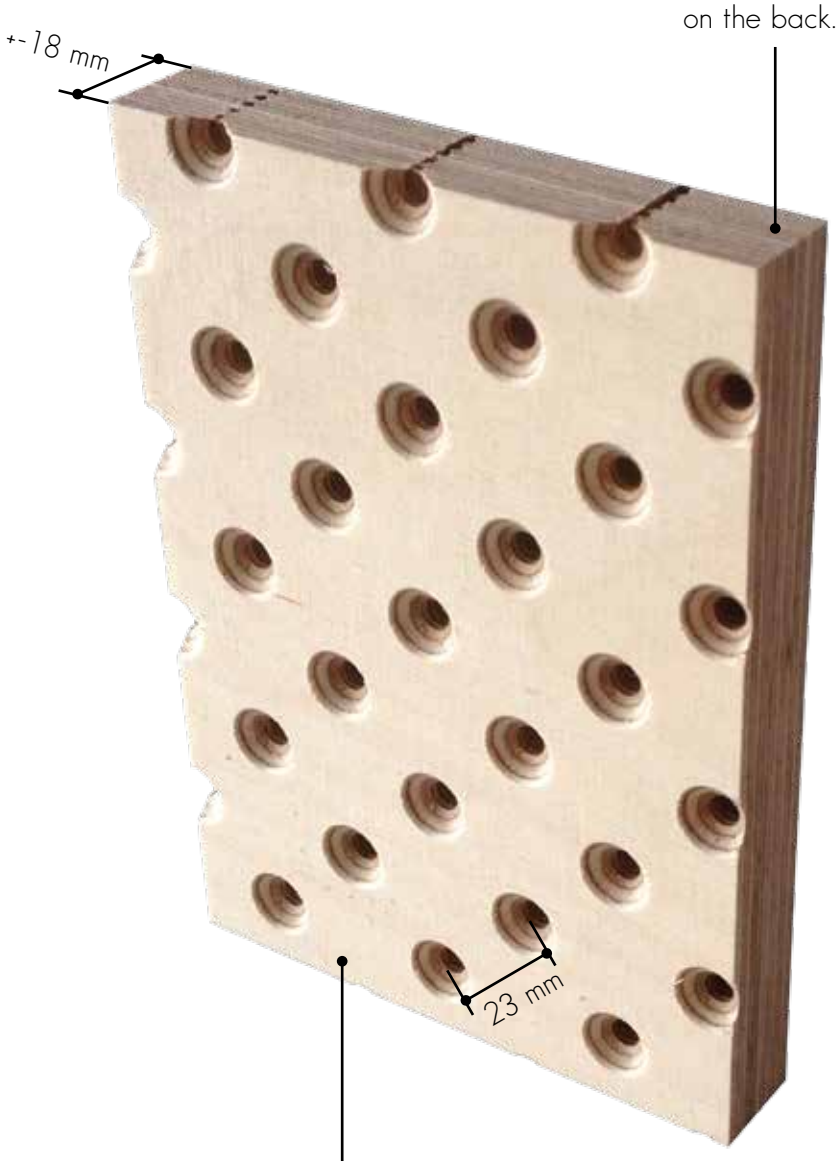
αw =	0,50 (	MM	)
acoustical absorption class :			D

Type C 7.7 % C16d 5/23/23

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

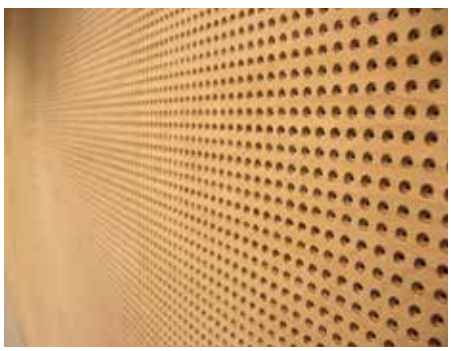
A core of 18 mm in MX with acoustic absorbing spun glass fabric on the back.

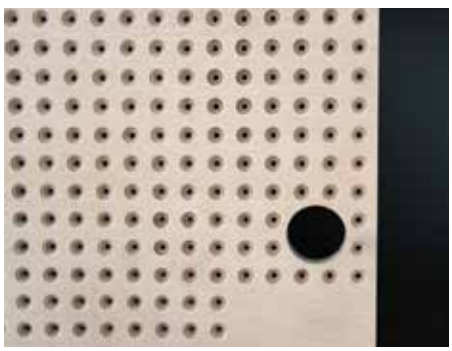


Type C16d: continuous holes with a diameter of 5 mm with chanfrein 12 mm, each one at a distance of 23 mm from each other.

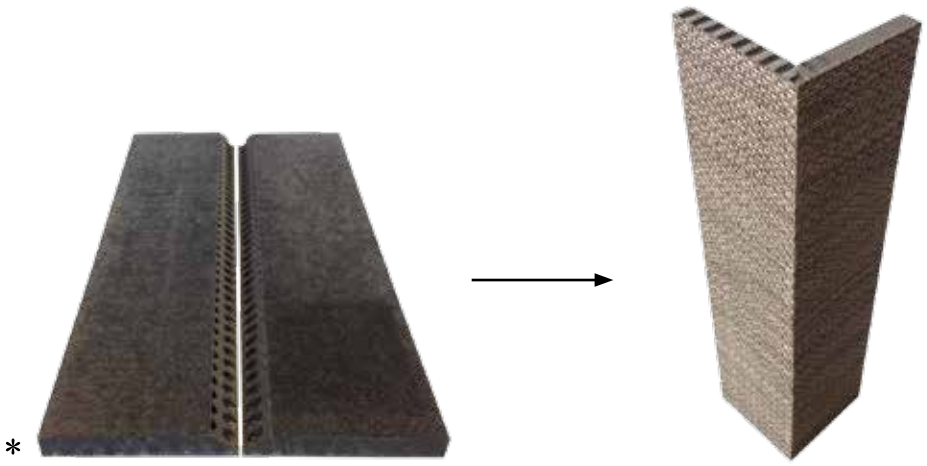
Type C 7.7% C16d 5/23/23

% perfo	total thickness	α_w	NRC* see page 7	SAA** see page 7
7.7 %	88 mm	0.30	0.60	0.60
	38 mm	0.50	0.60	0.61

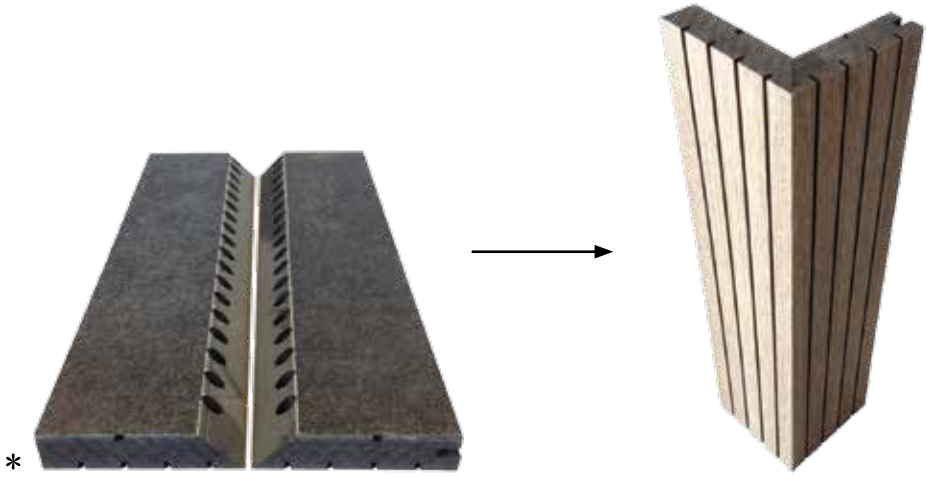




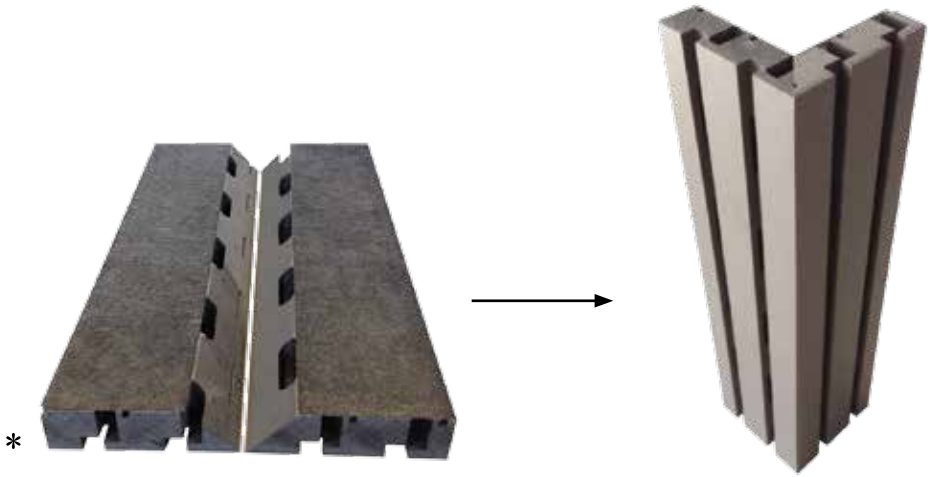
* You are responsible for the mitre cutting of the panels.



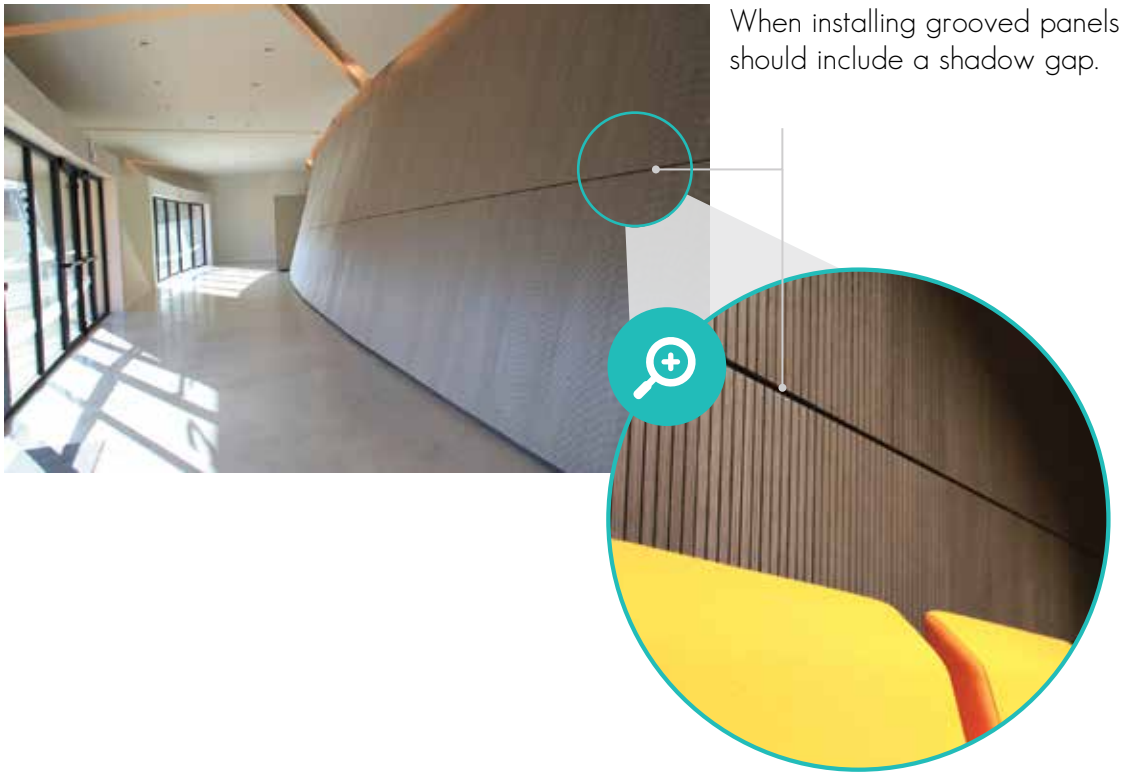
Example of mitre cutting of exterior angles - TYPE I



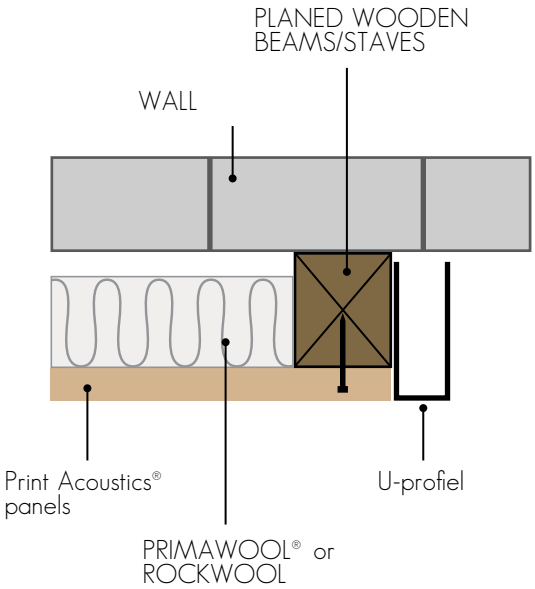
Example of mitre cutting of exterior angles - TYPE G



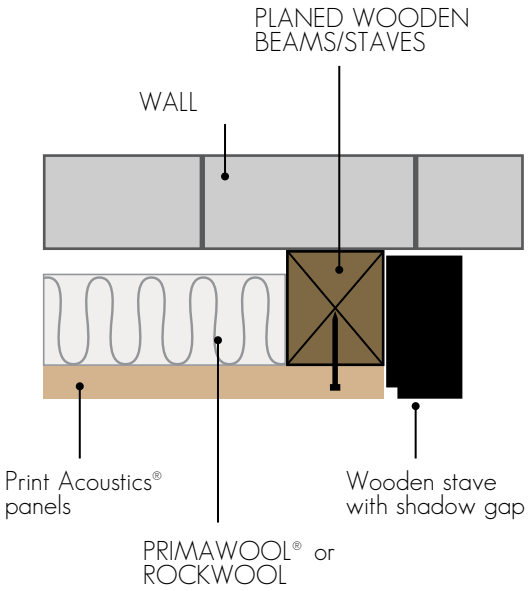
Example of mitre cutting of exterior angles - TYPE Z



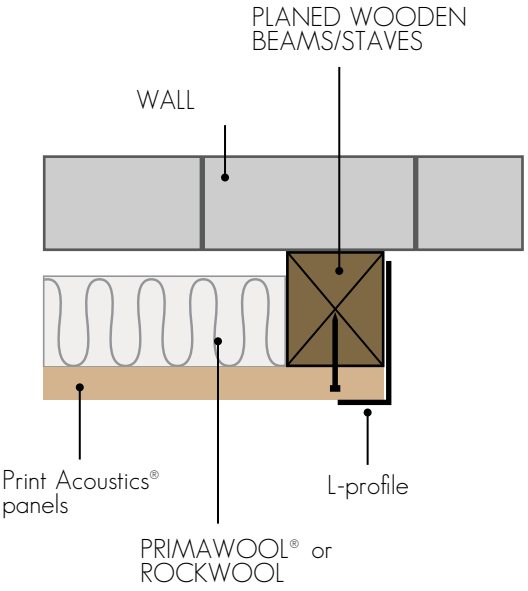
When installing grooved panels you should include a shadow gap.



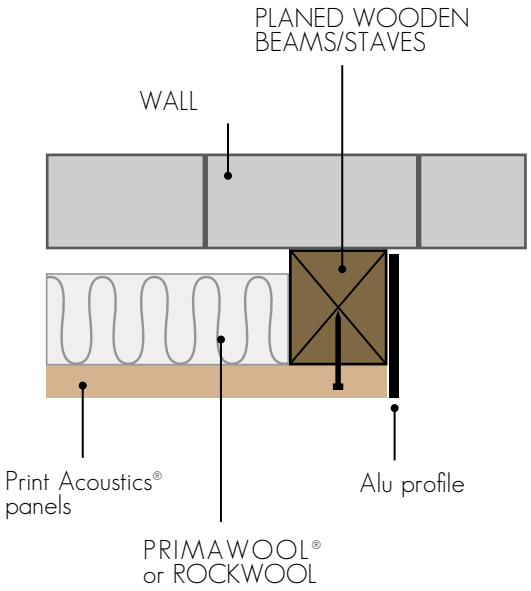
Example of finishing border with aluminium U-profile - TYPE I



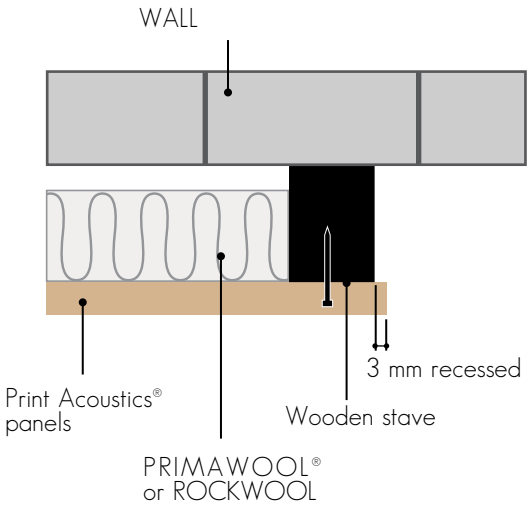
Example of finishing border with wooden stave - TYPE I



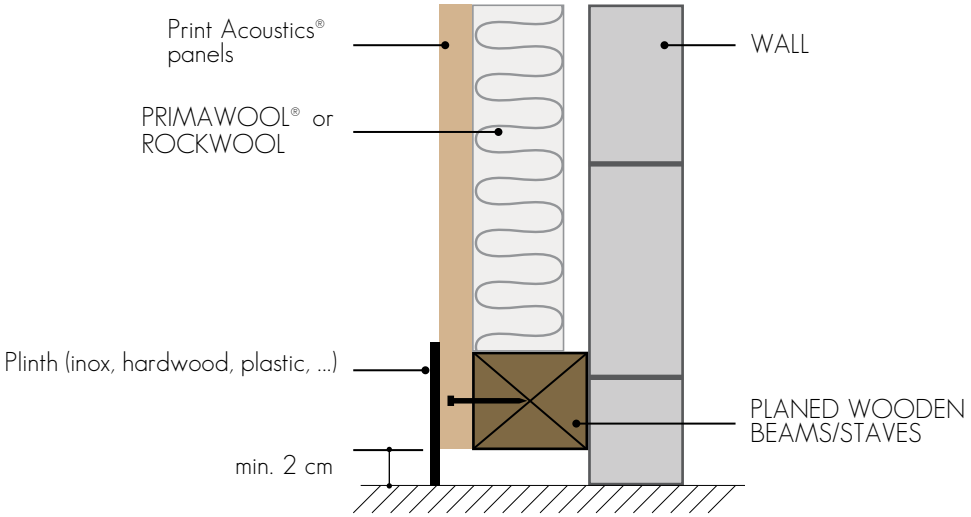
Example of finishing border with aluminium L-profile - TYPE I



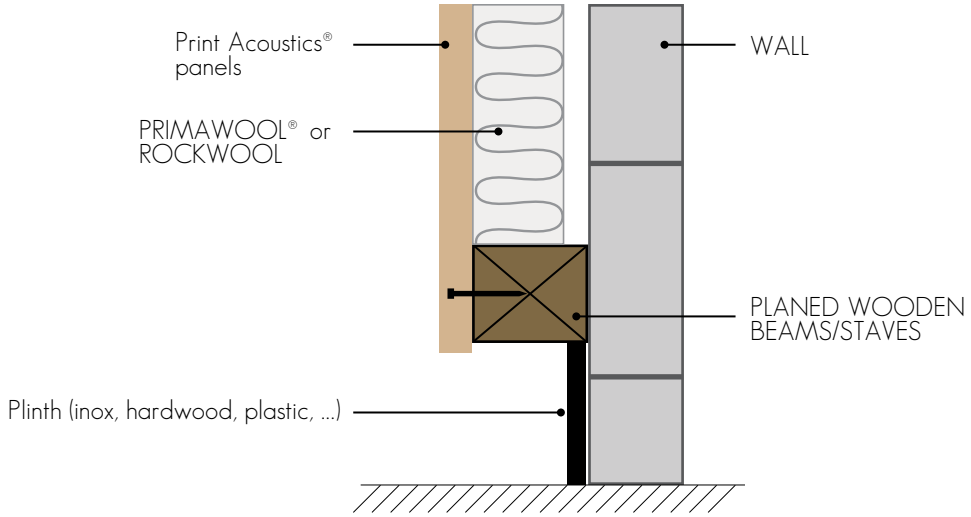
Example of finishing border with aluminium profile - TYPE I



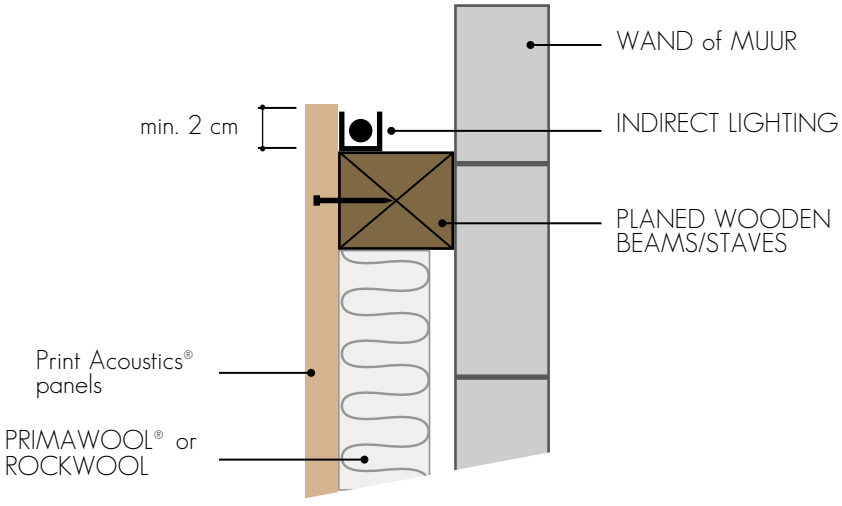
Example of finishing border with recessed wooden stave - TYPE I



Example of finishing with plinth - version 1



Example of finishing with plinth - version 2



Example of finishing with inderect LED lighting on top