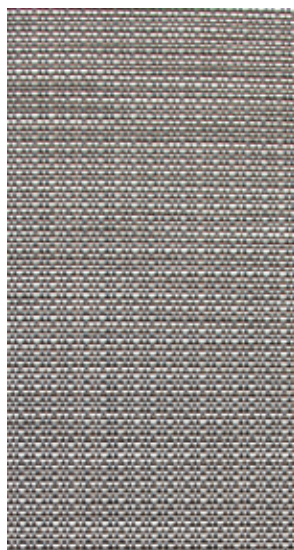


TYPE I (wall 10 mm)

**PATENT
PENDING**



THICKNESS ± 10 mm

WEIGHT 6 kg/m²

MATERIAL COMPOSITION

- Core of 9 mm in MDF
- High-quality woven vinyl of Ntgrate®
- Acoustic absorbing spun glass fabric

STD. MEASUREMENTS

- 3030 x 640 mm
- Made-to-measure on request.

PERFORATION

Woven vinyl. Invisible design.

TOP LAYER

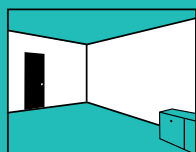
Ntgrate® woven vinyl 1 mm.

CORE

Black waterresistant MDF.

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

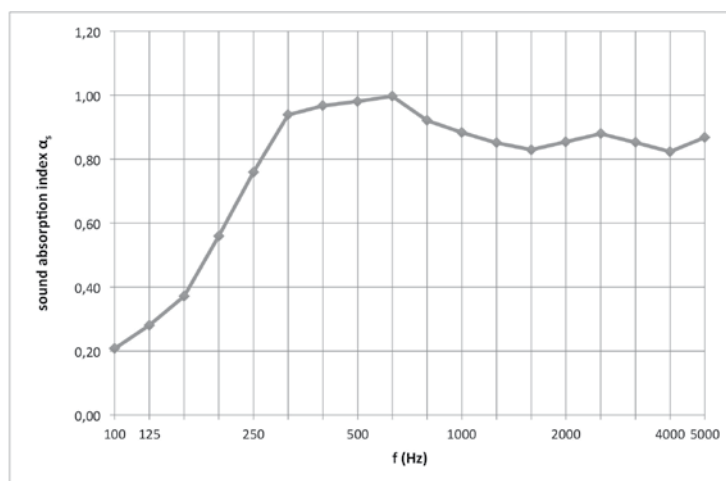
TEST SETUP
IN LAB:
WALLS



TOTAL THICKNESS
80 mm



f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	12,57	7,40	0,21
125	12,83	6,53	0,28
160	10,20	5,07	0,37
200	10,76	4,12	0,56
250	9,66	3,26	0,76
315	9,50	2,81	0,94
400	9,44	2,74	0,97
500	9,29	2,70	0,98
630	10,38	2,75	1,00
800	10,33	2,91	0,92
1000	10,02	2,97	0,88
1250	9,19	2,97	0,85
1600	8,04	2,88	0,83
2000	6,92	2,67	0,85
2500	5,67	2,42	0,88
3150	4,50	2,21	0,85
4000	3,54	1,97	0,82
5000	2,68	1,63	0,87



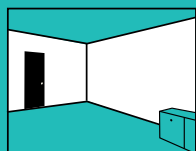
f(Hz)	α_p
125	0,30
250	0,75
500	1,00
1000	0,90
2000	0,85
4000	0,85

$\alpha_w = 0,90$ ()
acoustical absorption class : A

Type I

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

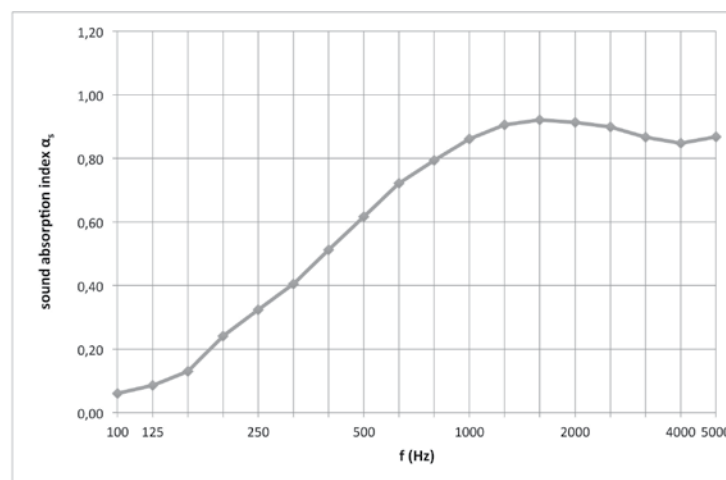
TEST SETUP
IN LAB:
WALLS



TOTAL THICKNESS
30 mm



f(Hz)	T1 (s)	T2 (s)	α_s
50			
63			
80			
100	11,86	9,95	0,06
125	10,87	8,70	0,09
160	9,83	7,33	0,13
200	10,35	6,21	0,24
250	9,94	5,34	0,32
315	9,36	4,64	0,41
400	9,27	4,08	0,51
500	9,64	3,72	0,62
630	10,57	3,48	0,72
800	10,39	3,24	0,79
1000	10,08	3,04	0,86
1250	9,15	2,85	0,91
1600	7,94	2,69	0,92
2000	6,68	2,55	0,91
2500	5,35	2,36	0,90
3150	4,16	2,15	0,87
4000	3,26	1,91	0,85
5000	2,42	1,59	0,87



f(Hz)	α_p
125	0,10
250	0,30
500	0,60
1000	0,85
2000	0,90
4000	0,85

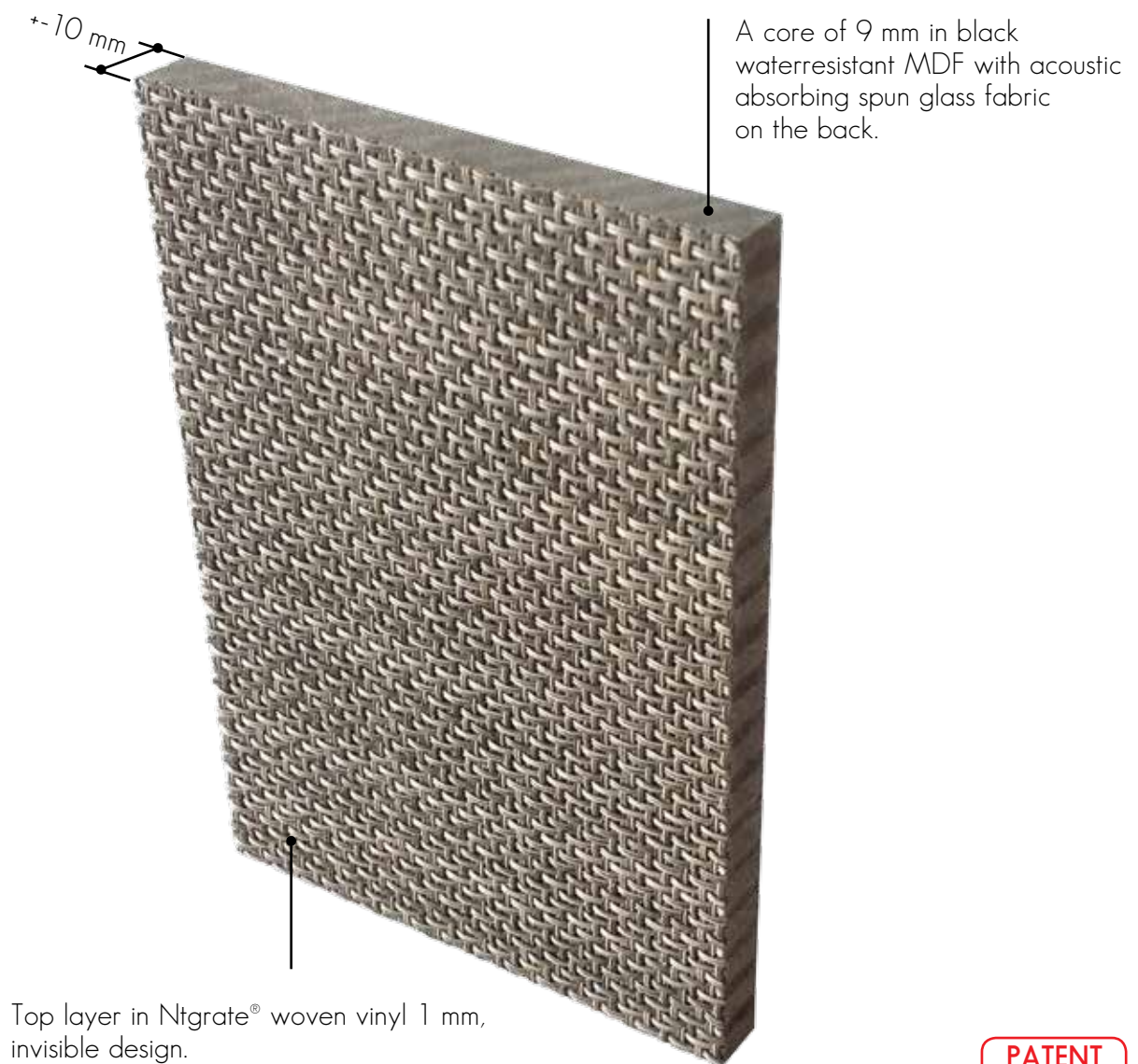
$\alpha_w = 0,60$ (MHH)
acoustical absorption class : c

Type I

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

TYPE I (wall 10 mm)

INSTALLATION see page 51



**PATENT
PENDING**

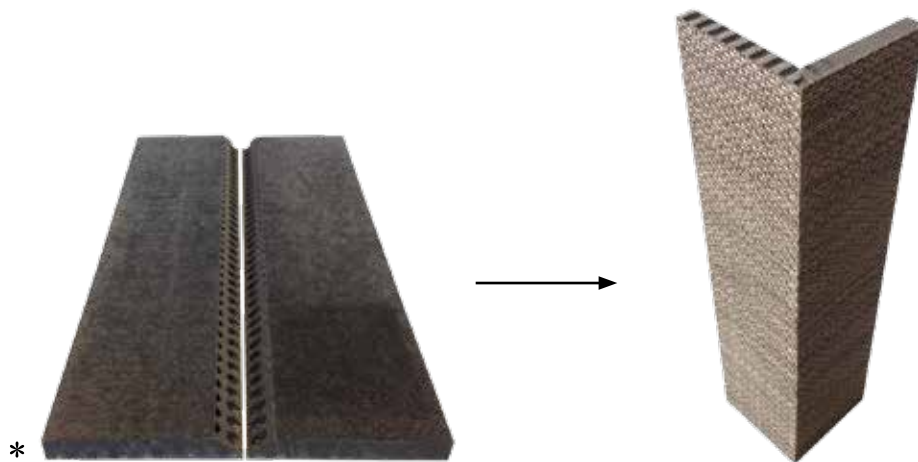
% perfo	total thickness	α_w	NRC* see page 7	SAA** see page 7
Technical textile	80 mm	0.90	0.85	0.87
PVC	30 mm	0.60	0.70	0.68



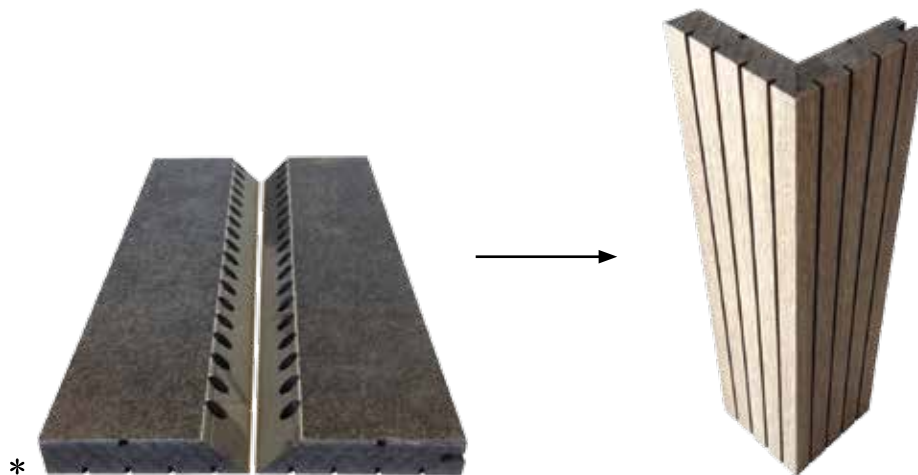
FINISHING POSSIBILITIES PRINT ACOUSTICS® PANELS

MITRE CUTTING OF EXTERIOR ANGLES

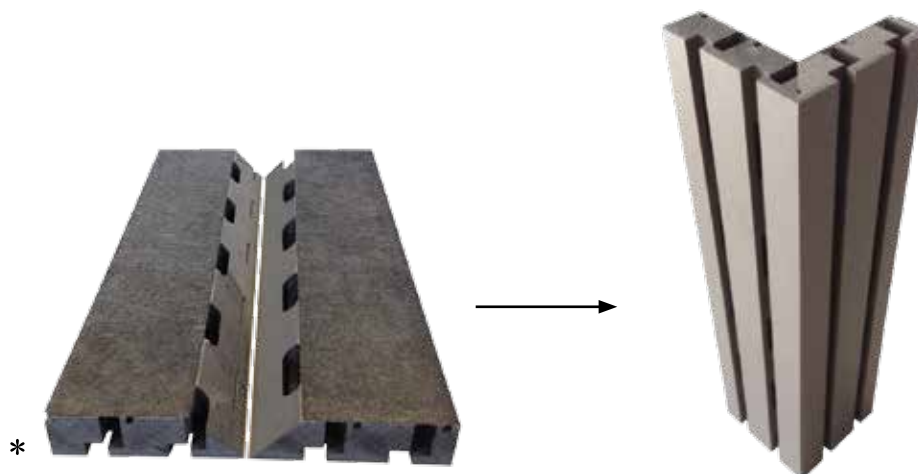
* You are responsible for the mitre cutting of the panels.



Example of mitre cutting of exterior angles - TYPE I

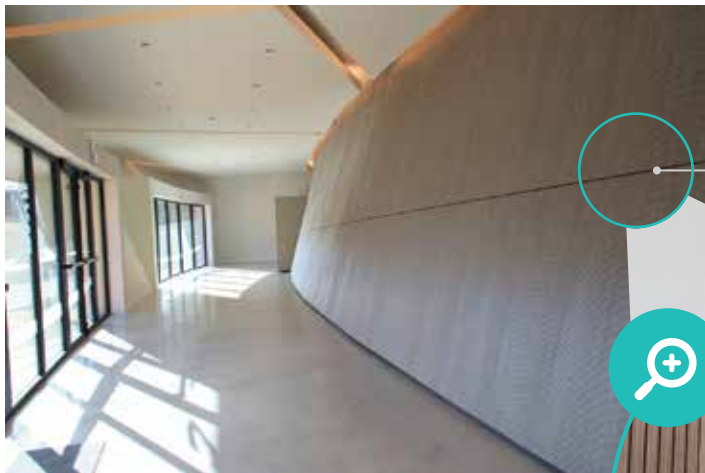


Example of mitre cutting of exterior angles - TYPE G

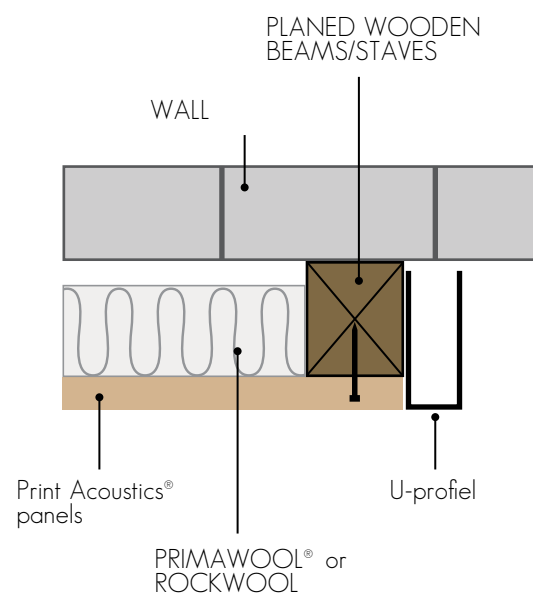


Example of mitre cutting of exterior angles - TYPE Z

FINISHING POSSIBILITIES PRINT ACOUSTICS® PANELS

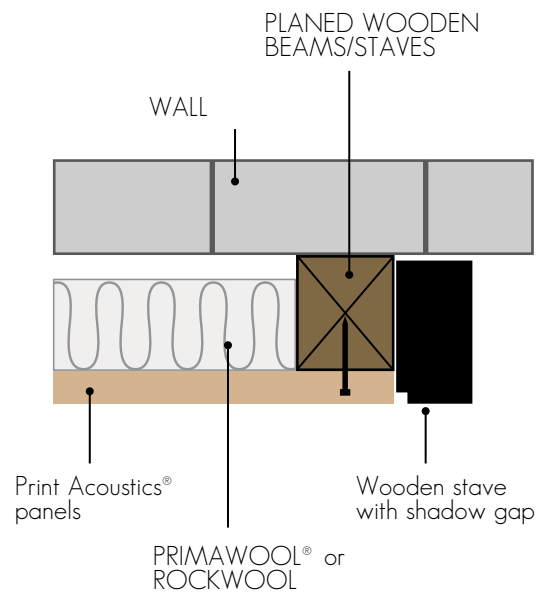


When installing grooved panels you should include a shadow gap.

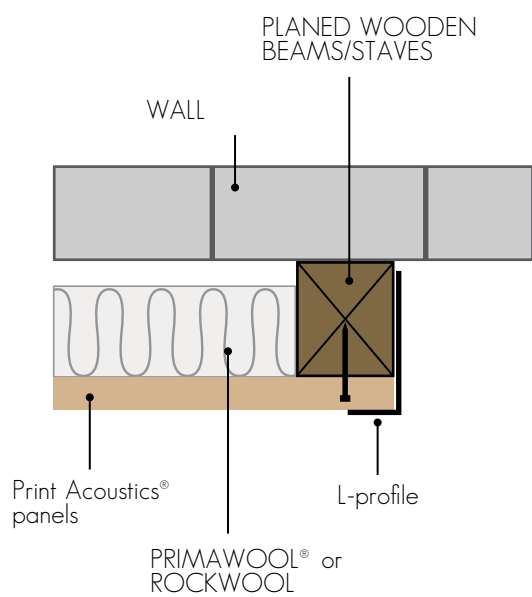


Example of finishing border with aluminium U-profile - TYPE I

FINISHING POSSIBILITIES PRINT ACOUSTICS® PANELS

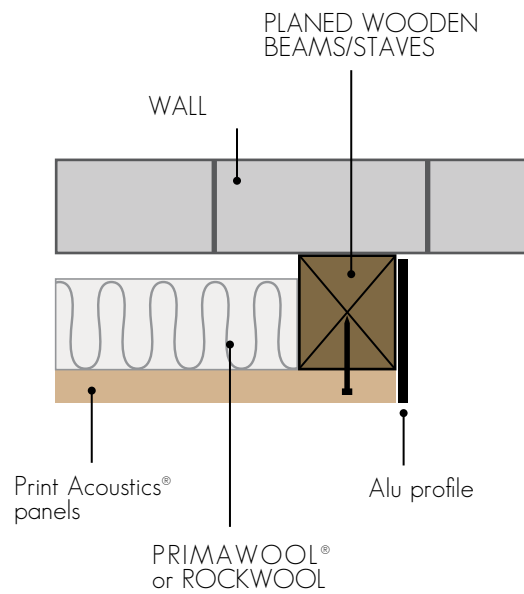


Example of finishing border with wooden stave - TYPE I

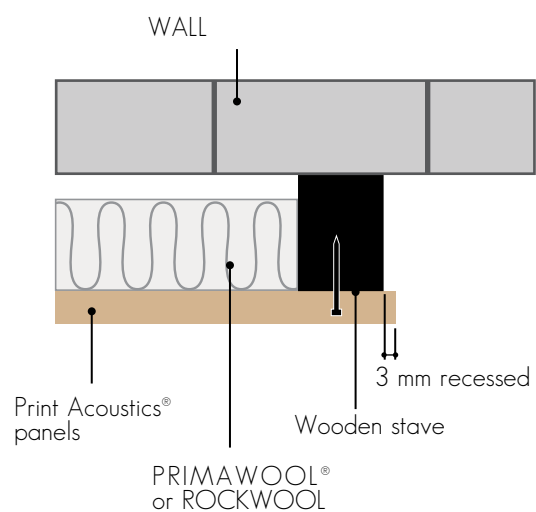


Example of finishing border with aluminium L-profile - TYPE I

FINISHING POSSIBILITIES PRINT ACOUSTICS® PANELS

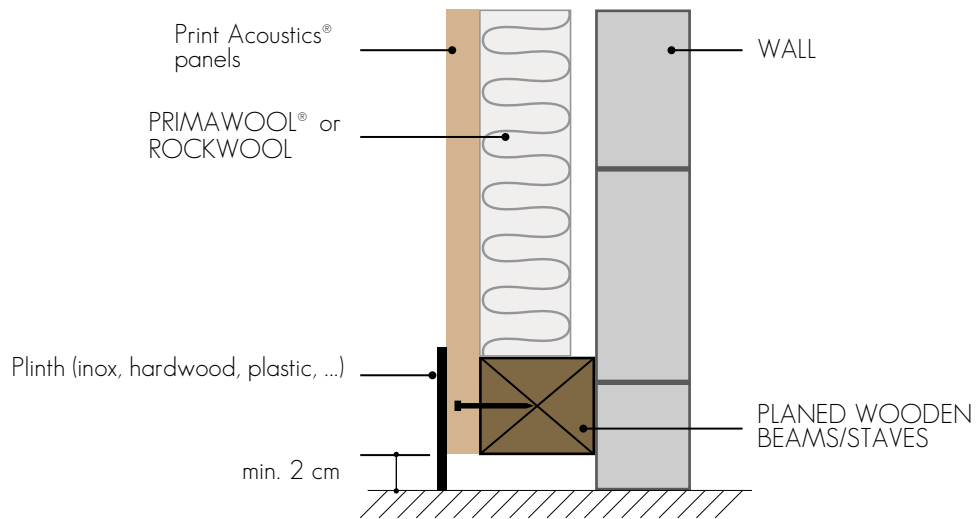


Example of finishing border with aluminium profile - TYPE I

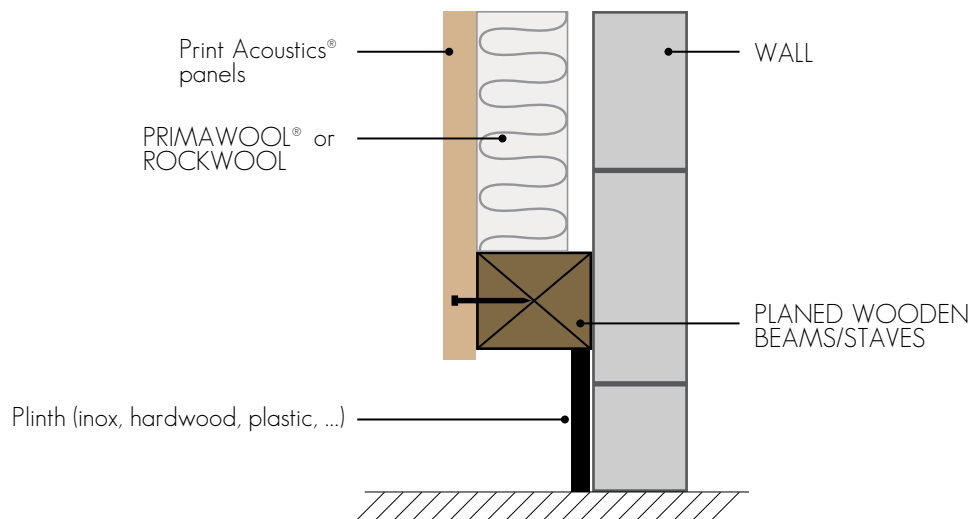


Example of finishing border with recessed wooden stave - TYPE I

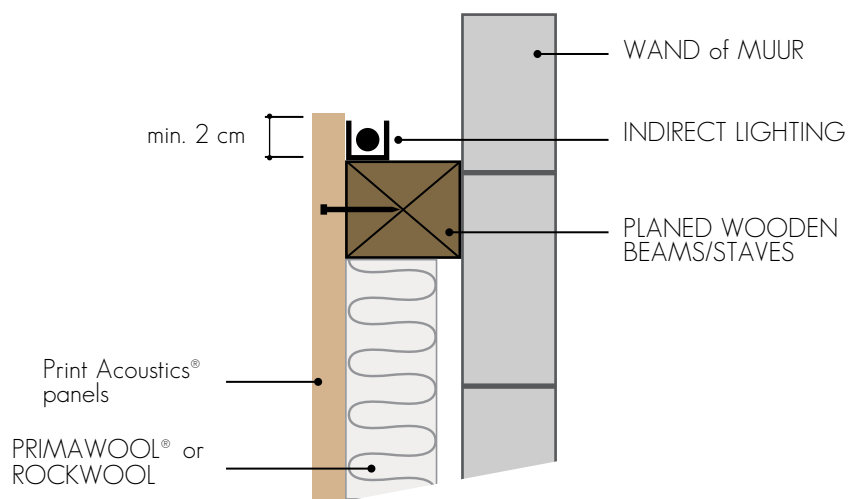
FINISHING POSSIBILITIES PRINT ACOUSTICS® PANELS



Example of finishing with plinth - version 1



Example of finishing with plinth - version 2



Example of finishing with indirect LED lighting on top