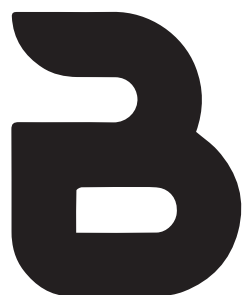


PREMIUM-CLASS
DECORATIVE
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CLASSIC

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:

Baking material: gypsum chipboard, thickness 12mm, 14 mm.

On request: Spanolux MDF 12 mm, 16 mm.

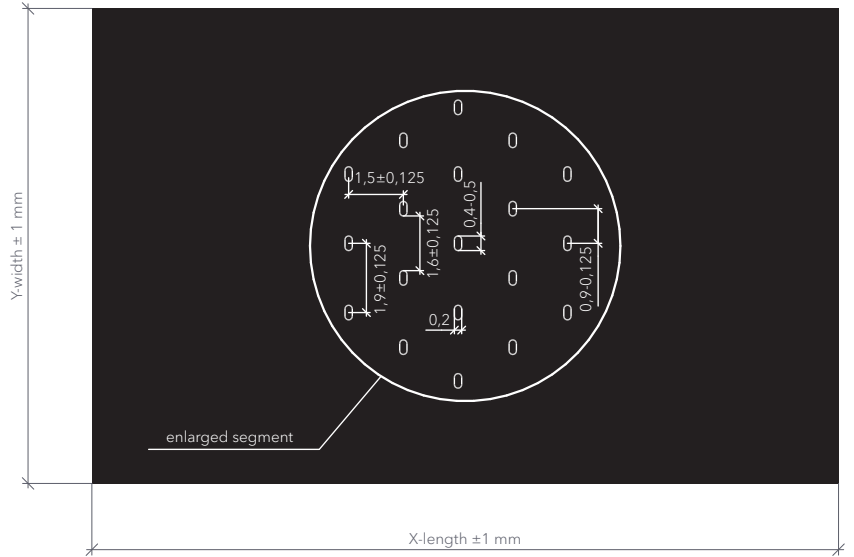
On request: Russian MDF 10 mm, 12 mm, 16 mm.



BELNER

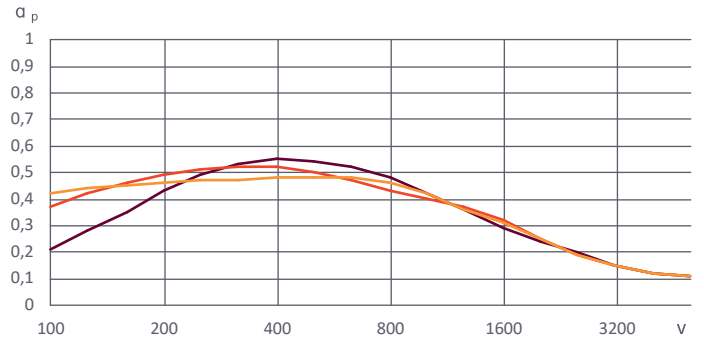
MIKRO V.1 M1-15

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

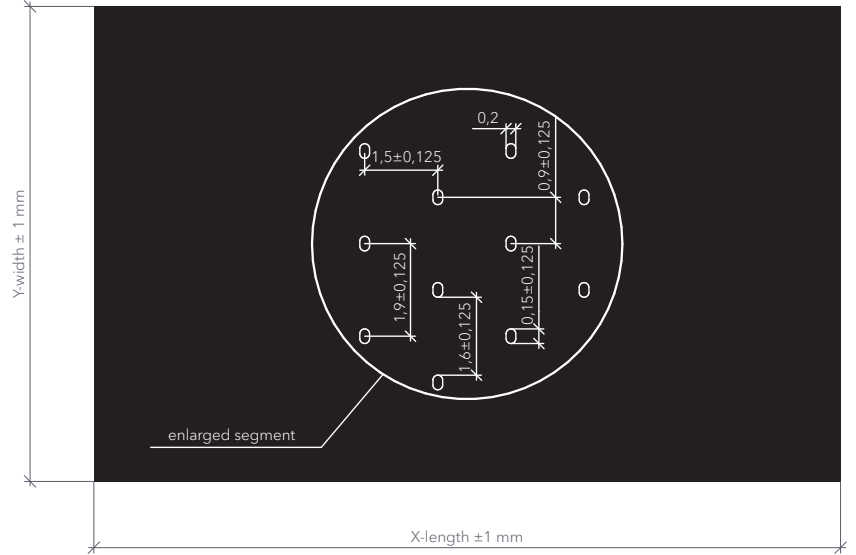
Sound Absorption Class D
Open Area 7,7 %



BELNER

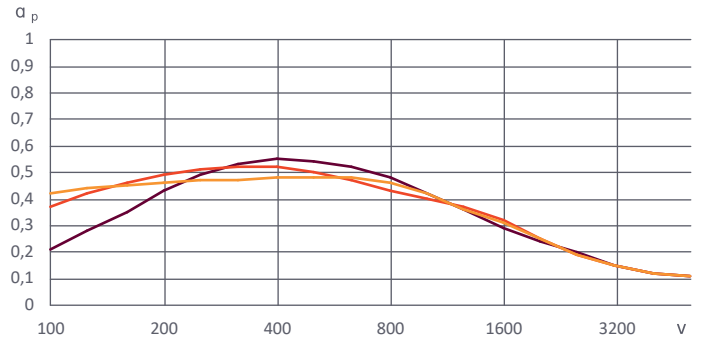
MIKRO V.2 M2-15

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

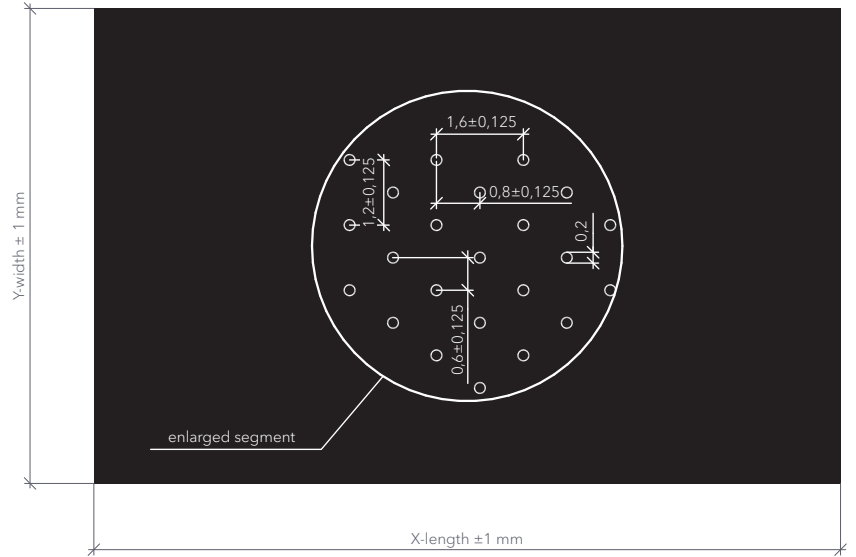
Sound Absorption Class D
 Open Area 7,7 %



BELNER

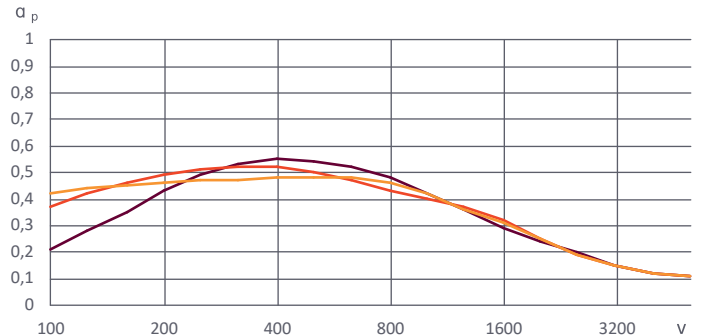
MIKRO V.3 M3-08

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

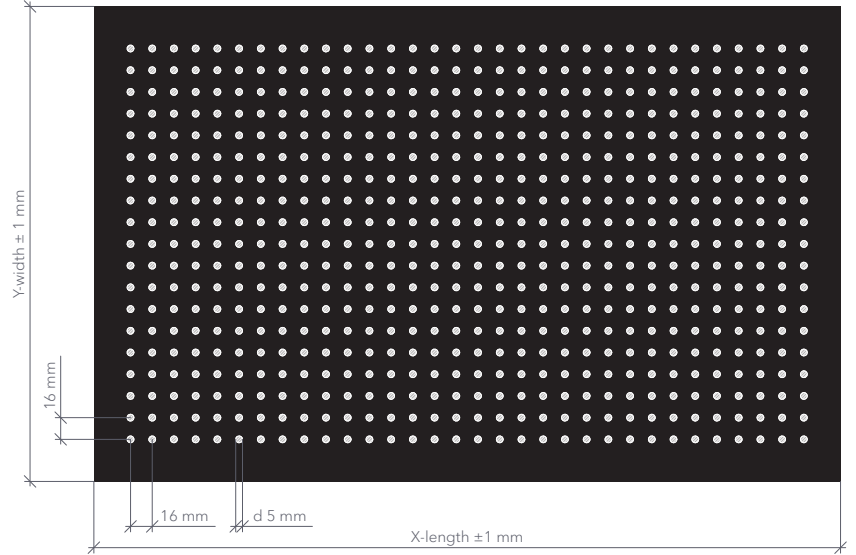
Sound Absorption Class D
Open Area 7,7 %



BELNER

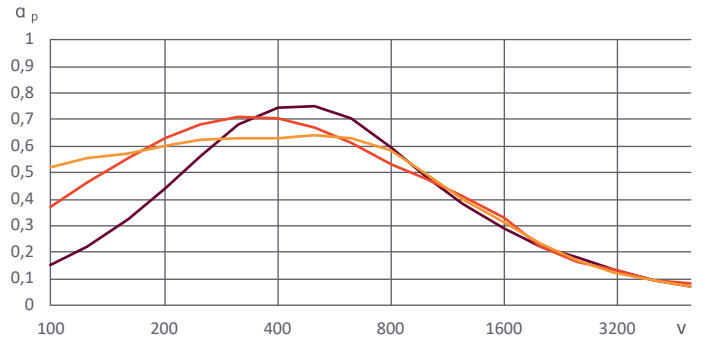
WELS PH5-16

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

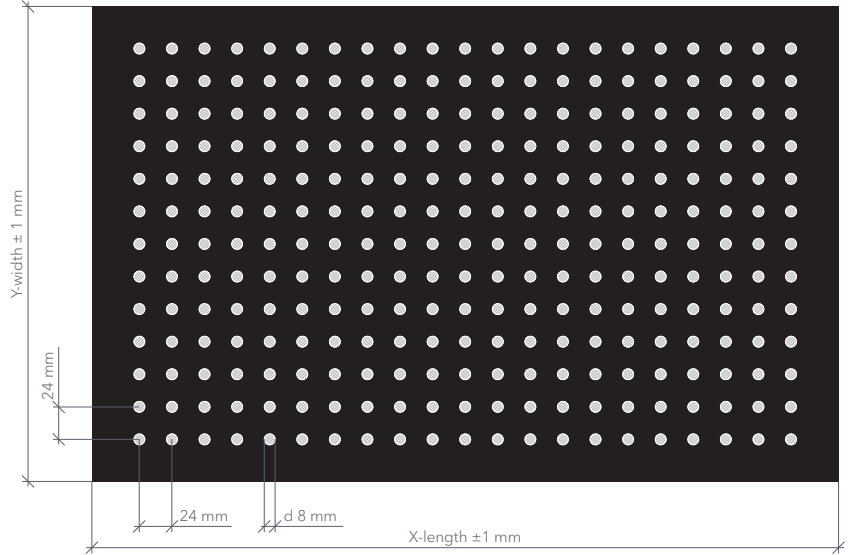
Sound Absorption Class D
 Open Area 7,7 %



BELNER

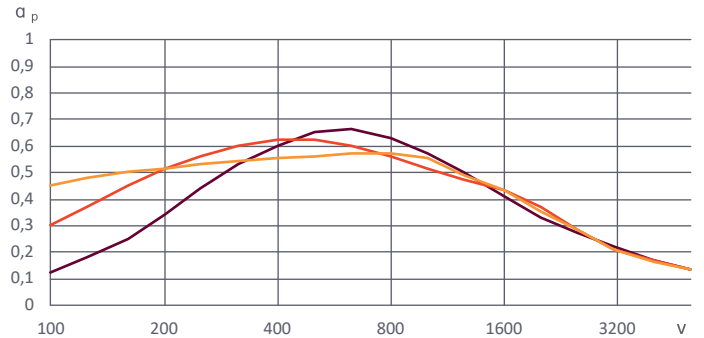
WELS PH8-24

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



- Curve 1** - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
- Curve 2** - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
- Curve 3** - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

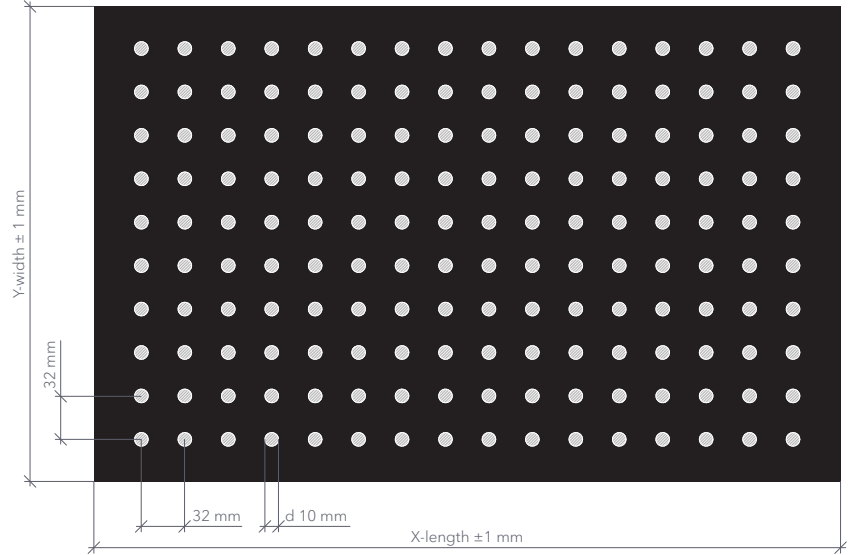
Sound Absorption Class D
 Open Area 8,7 %



BELNER

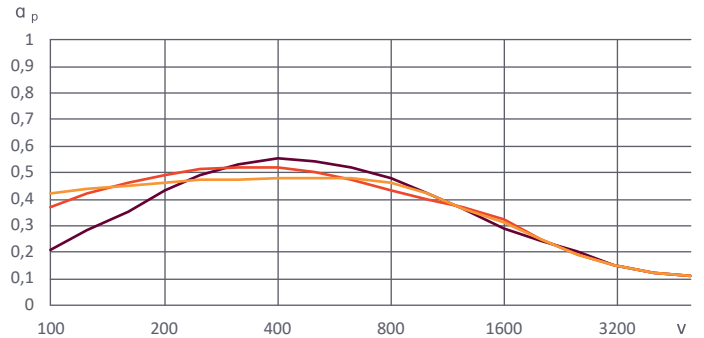
WELS PH10-32

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



- Curve 1** - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
- Curve 2** - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
- Curve 3** - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

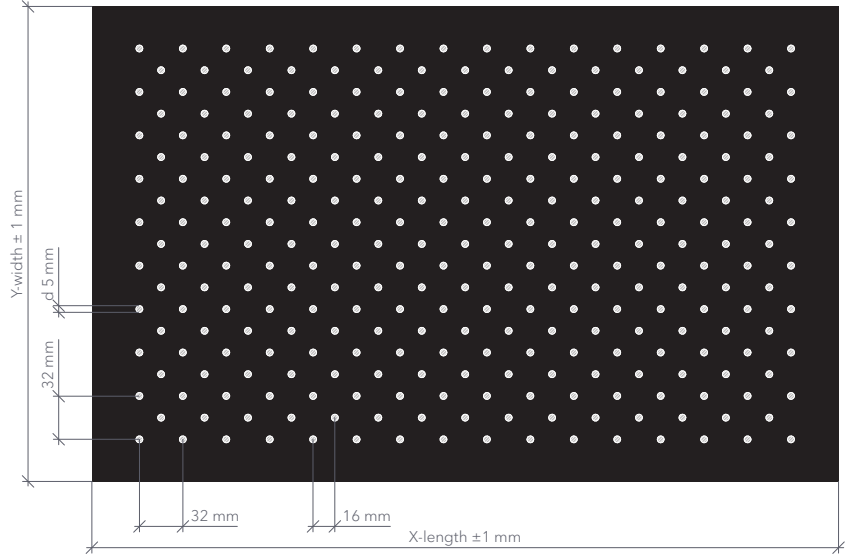
Sound Absorption Class D
 Open Area 7,7 %



BELNER

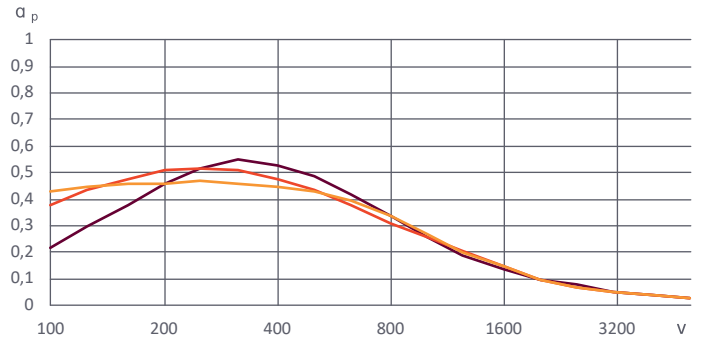
DION PD5-32-16

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



- Curve 1** - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
- Curve 2** - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
- Curve 3** - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

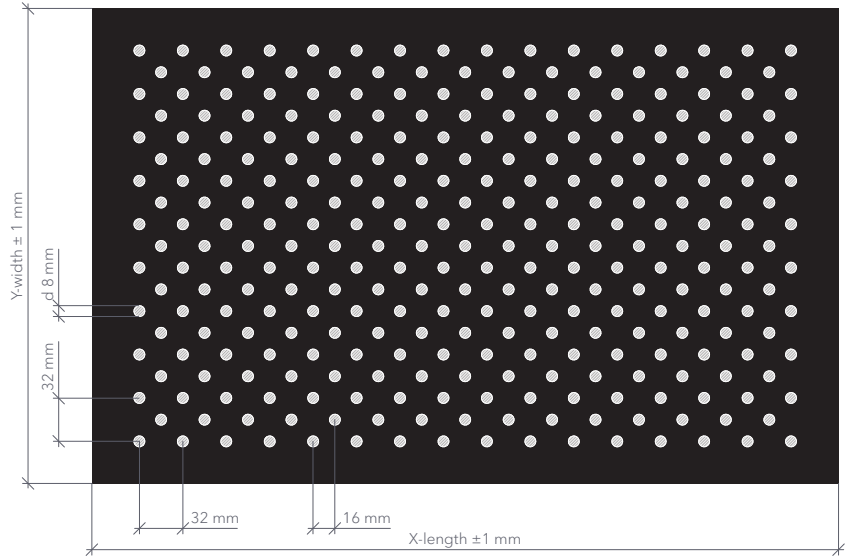
Sound Absorption Class D
 Open Area 3,8 %



BELNER

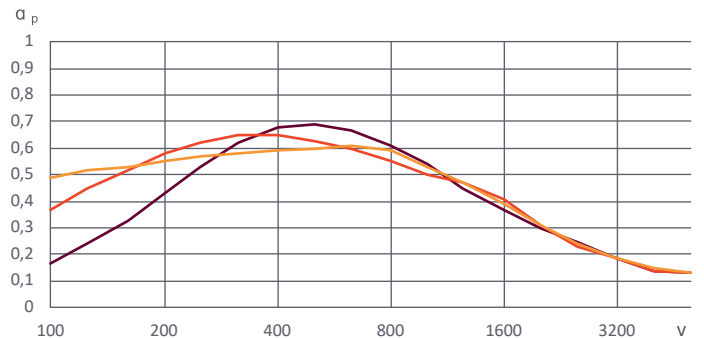
DION PD8-32-16

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

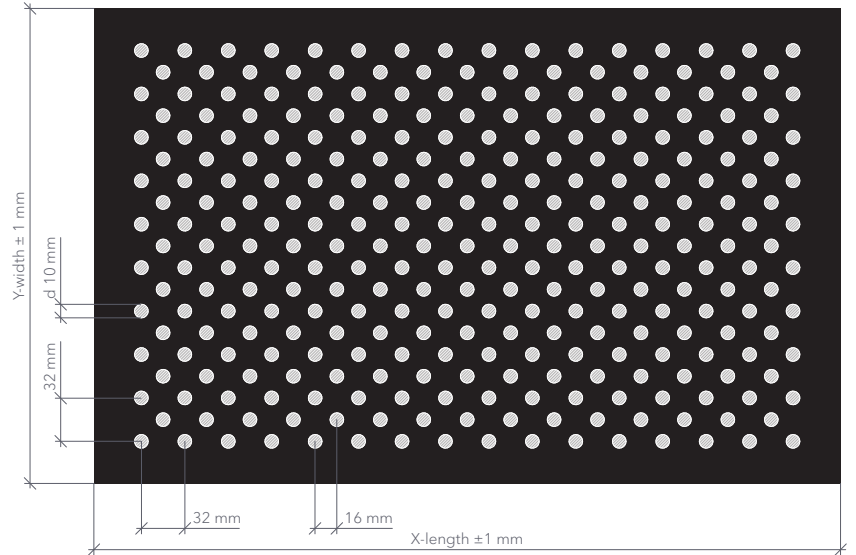
Sound Absorption Class D
Open Area 9,8 %



BELNER

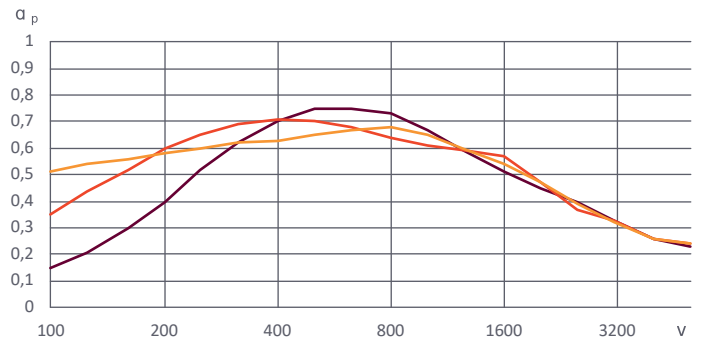
DION PD10-32-16

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

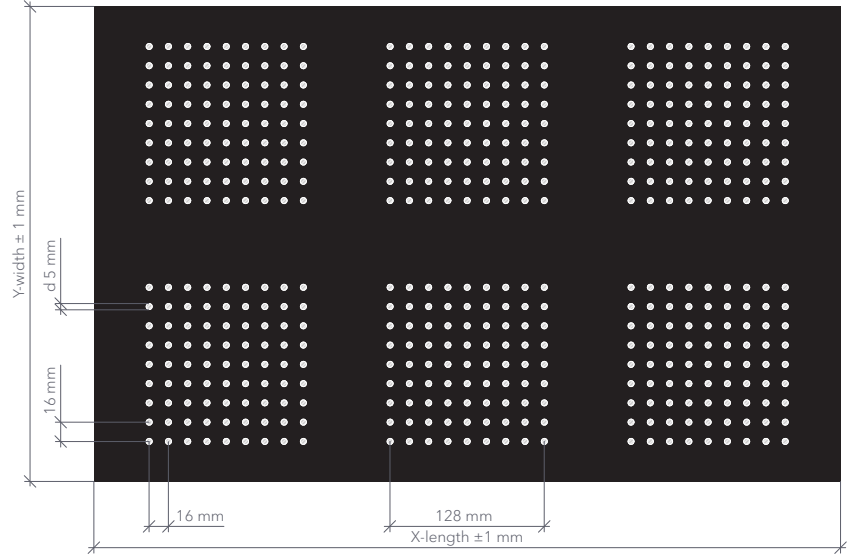
Sound Absorption Class C
Open Area 15,3 %



BELNER

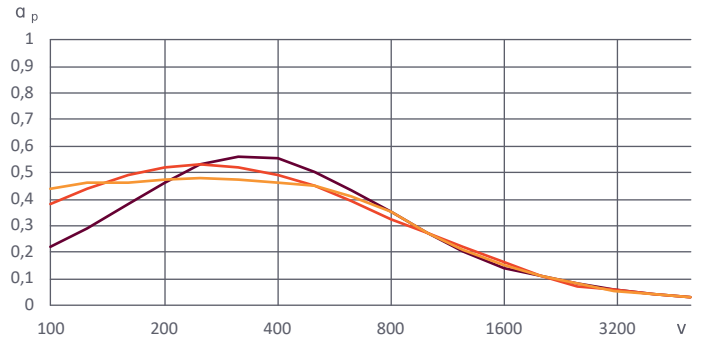
VERONA PG5-16

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

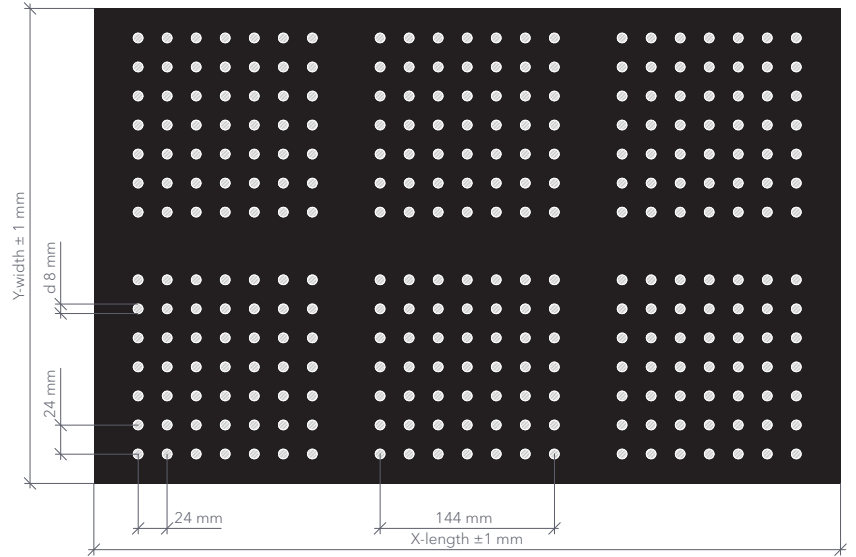
Sound Absorption Class D
 Open Area 4 %



BELNER

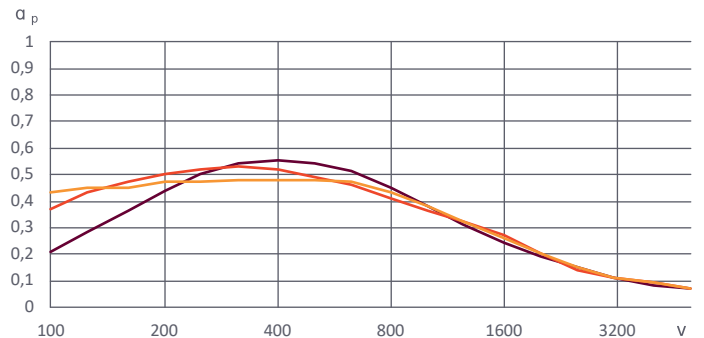
VERONA PG8-24

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

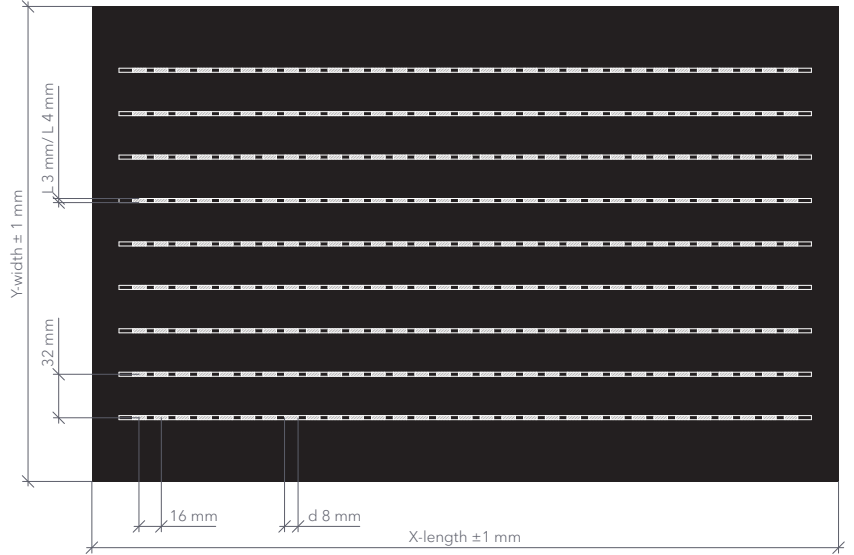
Sound Absorption Class D
 Open Area 6,2 %



BELNER

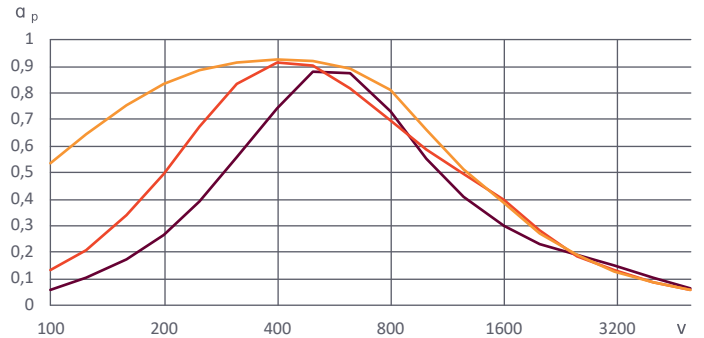
FLORENCE PH8-L3(L4) -32-16

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

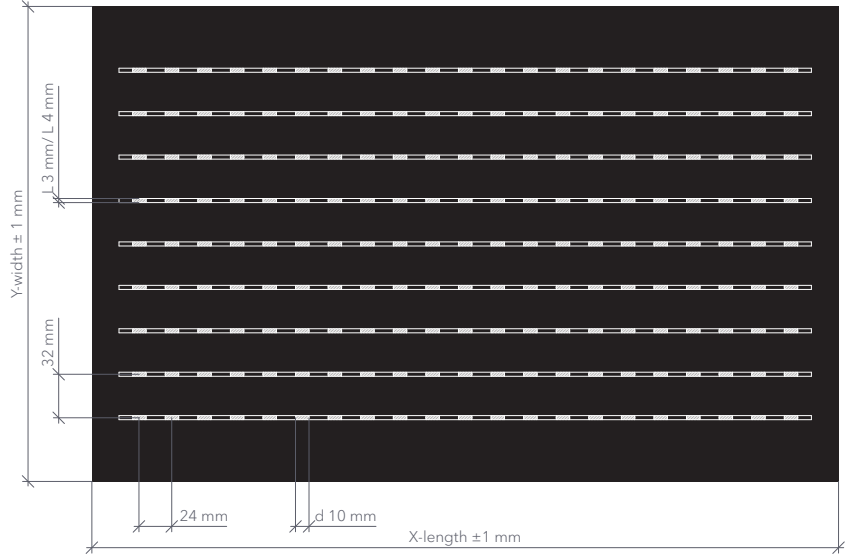
Sound Absorption Class C
 Open Area 5,8 %



BELNER

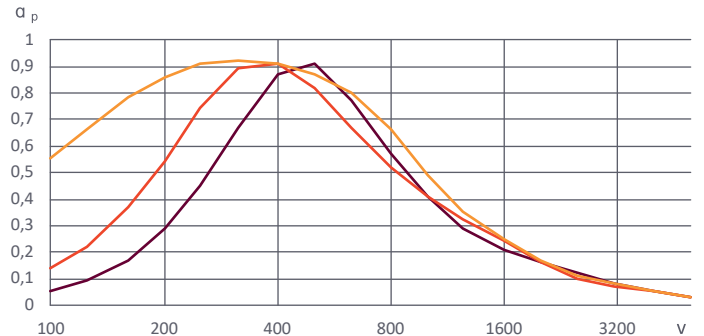
FLORENCE PH10-L3(L4) -32-24

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

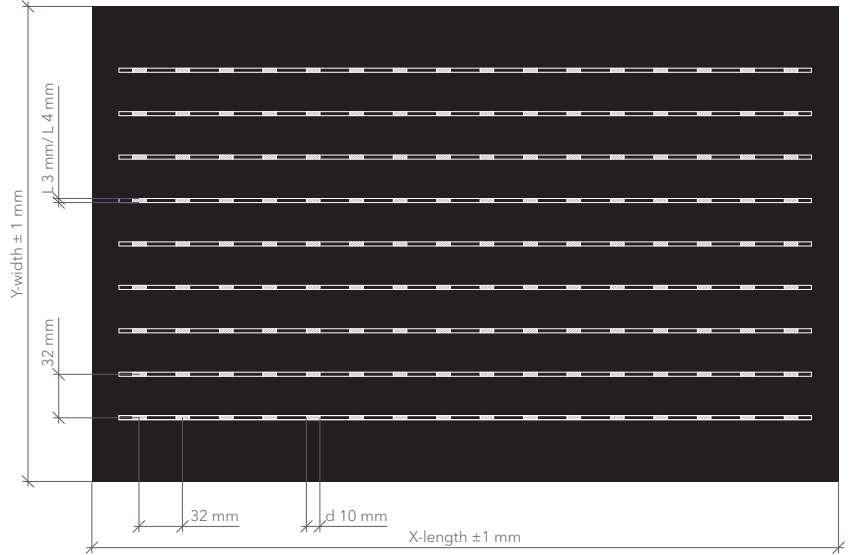
Sound Absorption Class D
 Open Area 3,8 %



BELNER

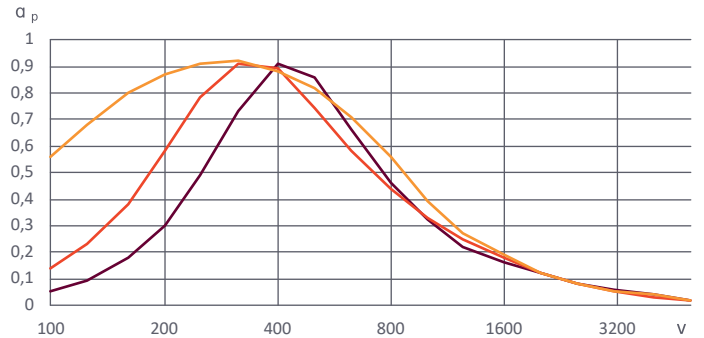
FLORENCE PH10-L3(L4) -32-32

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

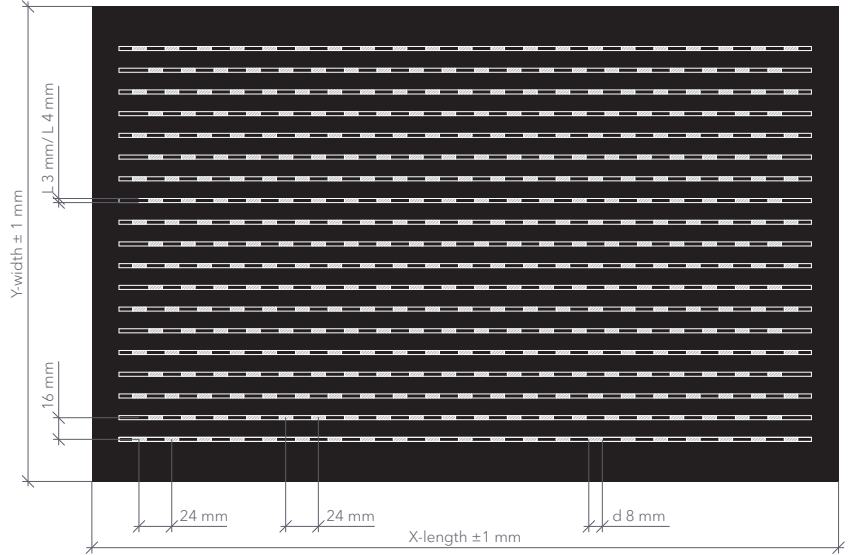
Sound Absorption Class D
 Open Area 2,9 %



BELNER

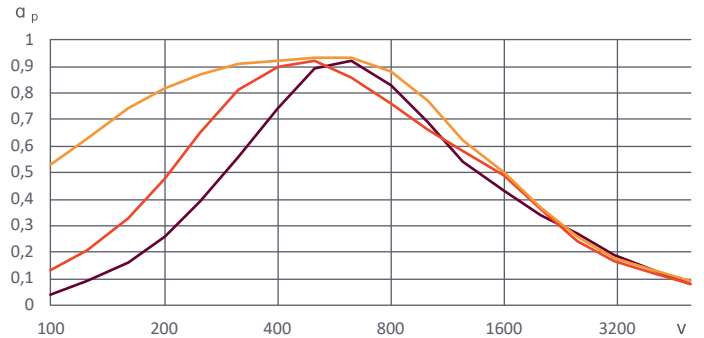
SOFIA PD8-L3(L4) -16-24

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

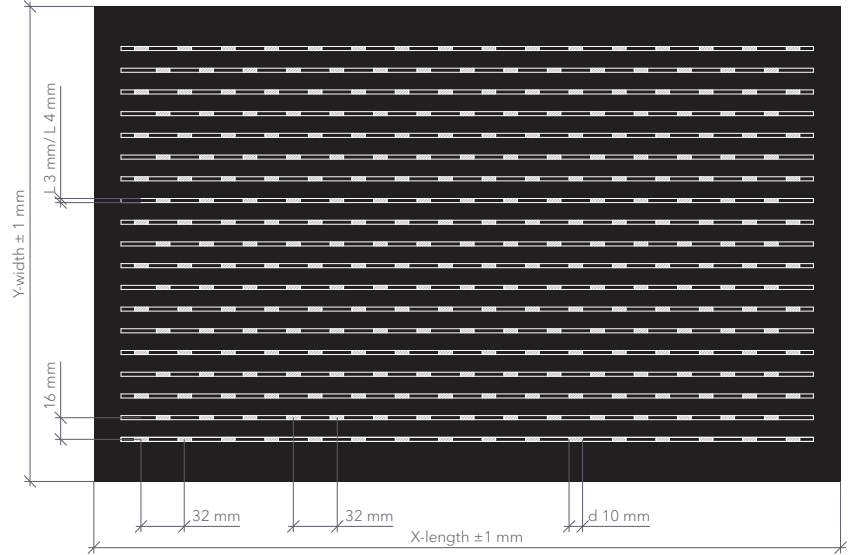
Sound Absorption Class C
 Open Area 6,1 %



BELNER

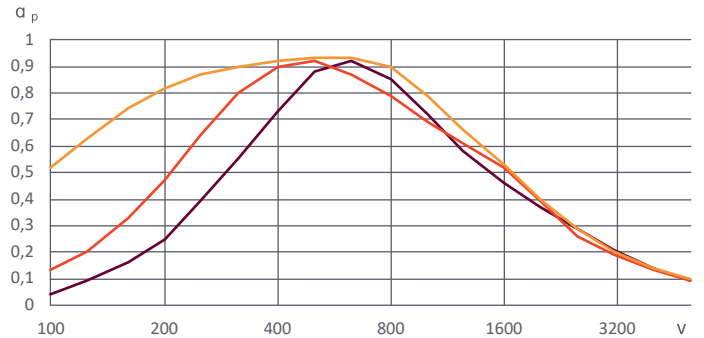
SOFIA PD10-L3(L4) -16-32

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

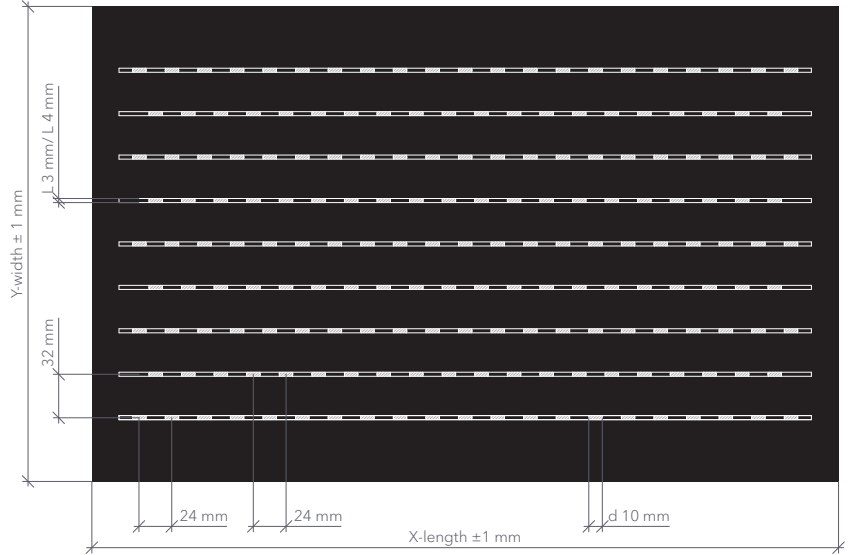
Sound Absorption Class C
Open Area 5,8 %



BELNER

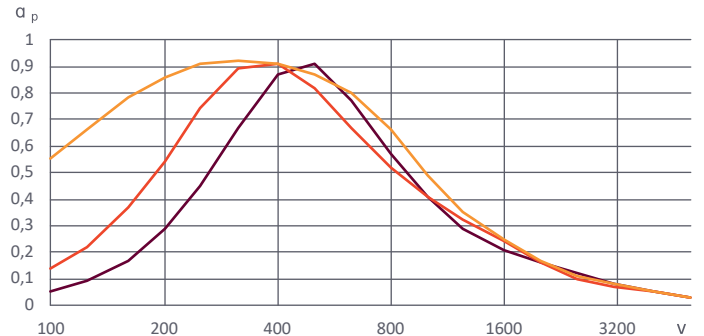
SOFIA PD10-L3(L4) -32-24

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

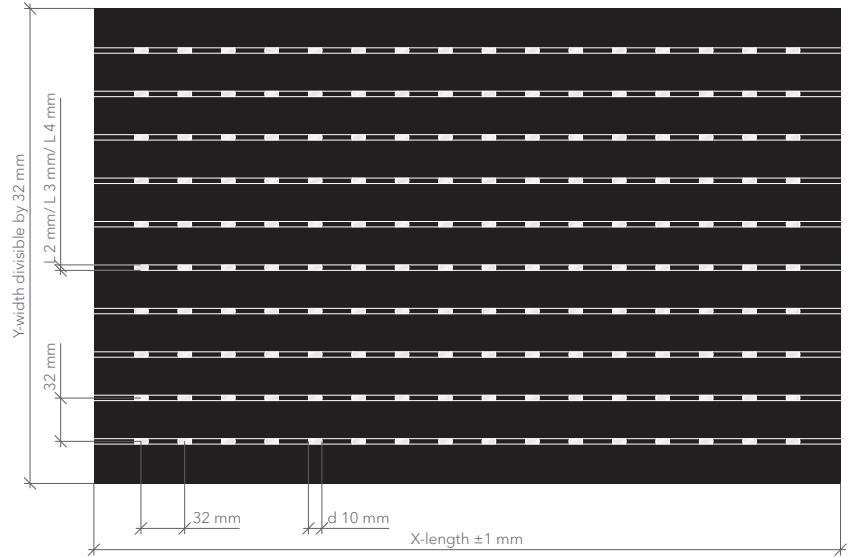
Sound Absorption Class D
 Open Area 3,8 %



BELNER

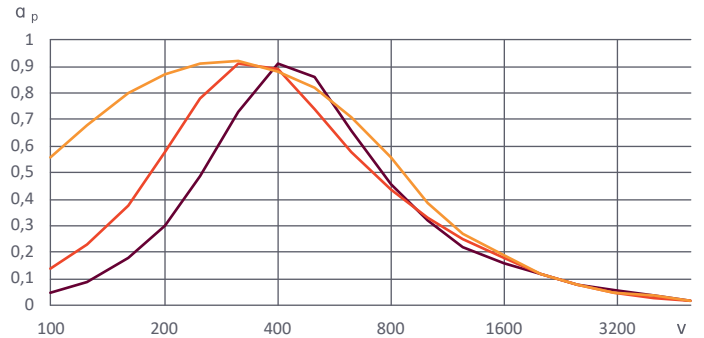
DUBAI PH10-L2(L3) (L4)-32-32

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

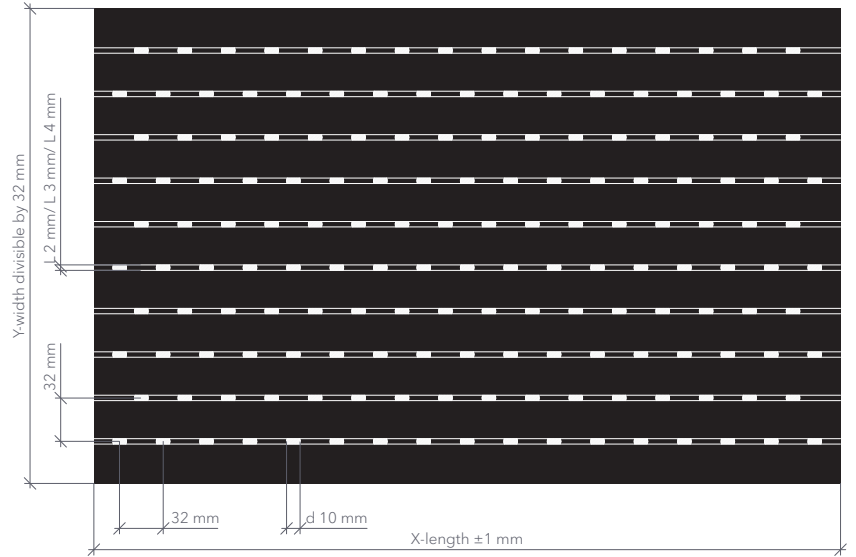
Sound Absorption Class D
 Open Area 2,9 %



BELNER

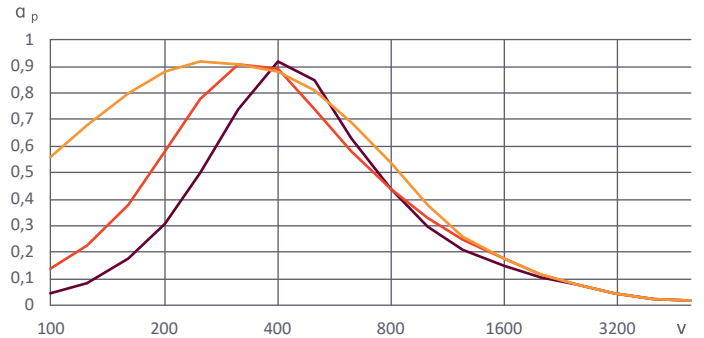
DUBAI PD10-L2(L3) (L4)-32-32

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

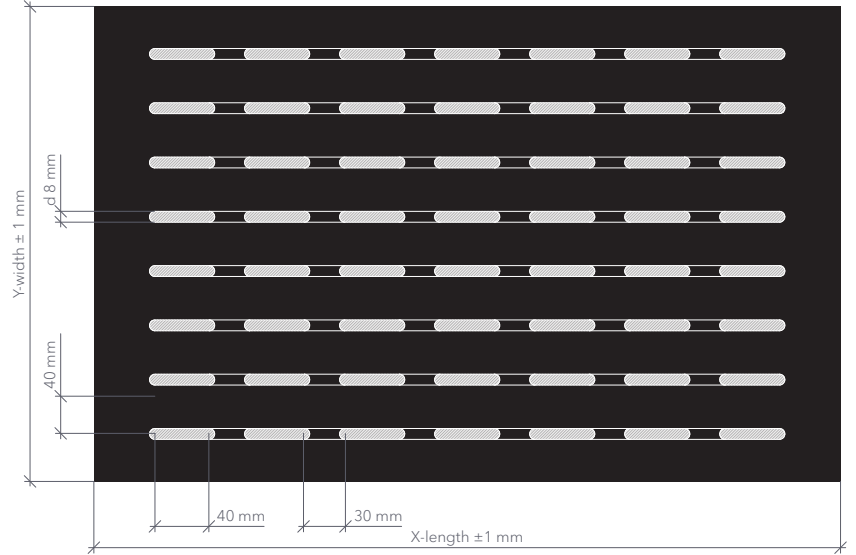
Sound Absorption Class D
 Open Area 2,9 %



BELNER

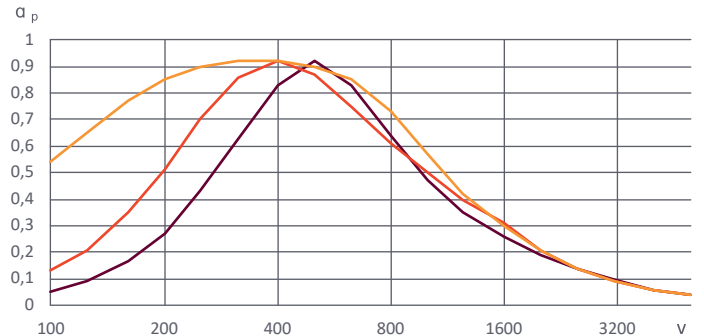
VERGINA RS8-C40

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

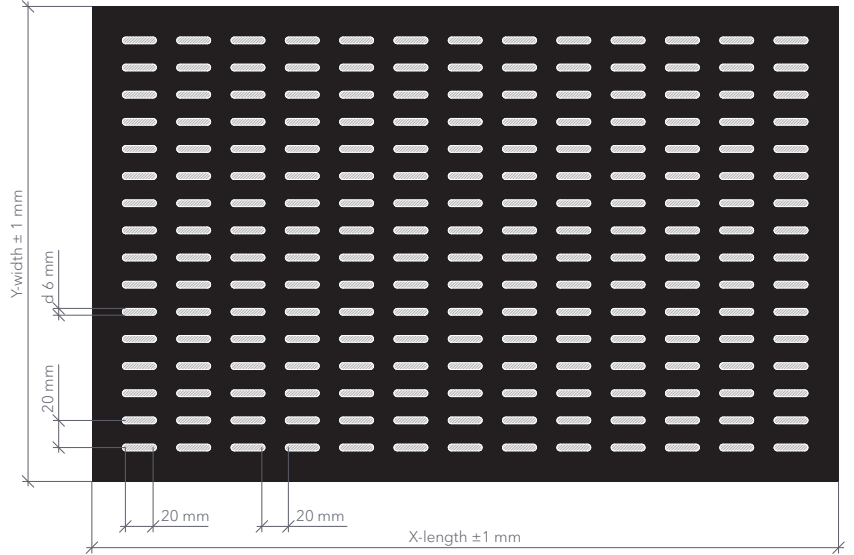
Sound Absorption Class D-C
Open Area 13,2 %



BELNER

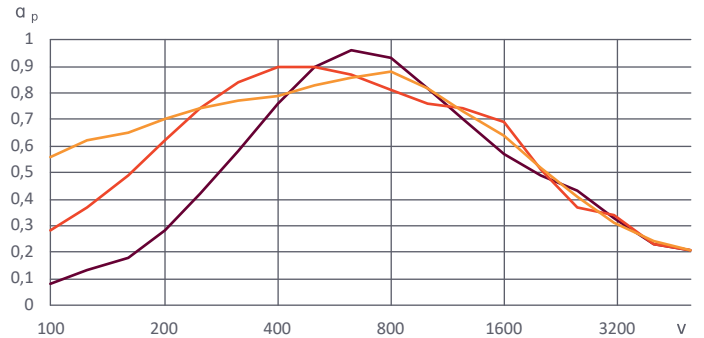
BODEN SM6

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

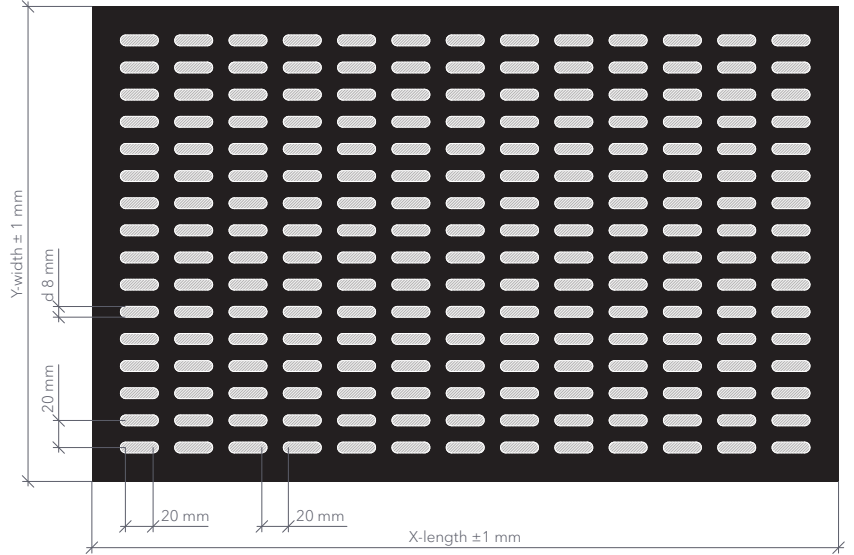
Sound Absorption Class C
Open Area 18,5 %



BELNER

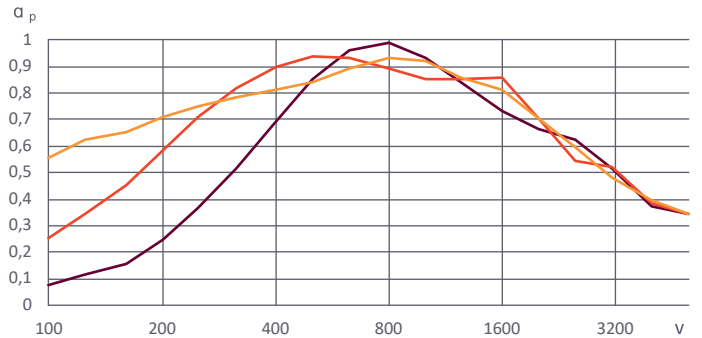
BODEN SM8

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

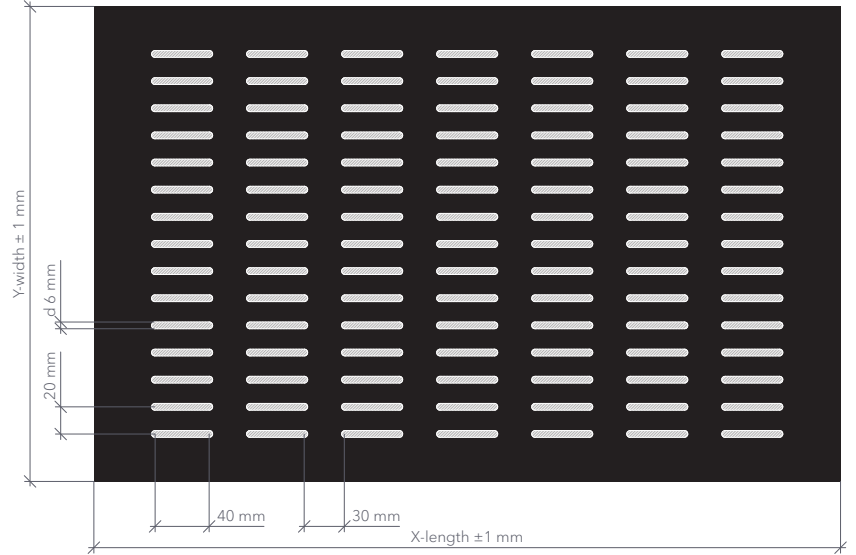
Sound Absorption Class C-B
 Open Area 26,3 %



BELNER

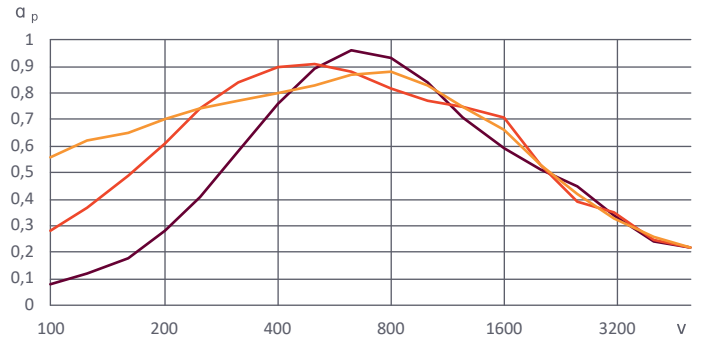
TOURNAI SH6

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
Baking material: gypsum chipboard, thickness 12mm, 14 mm.
On request: Spanolux MDF 12 mm, 16 mm.
On request: Russian MDF 10 mm, 12 mm, 16 mm.

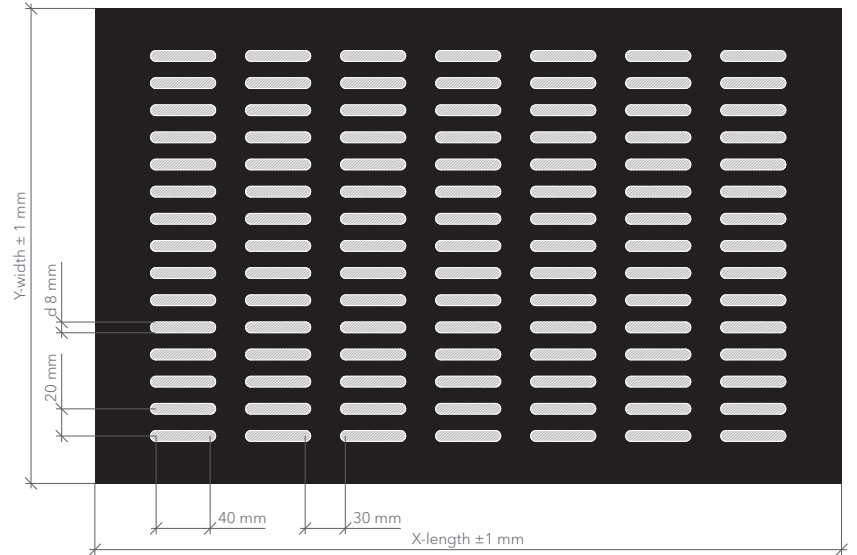
Sound Absorption Class C
Open Area 19,2 %



BELNER

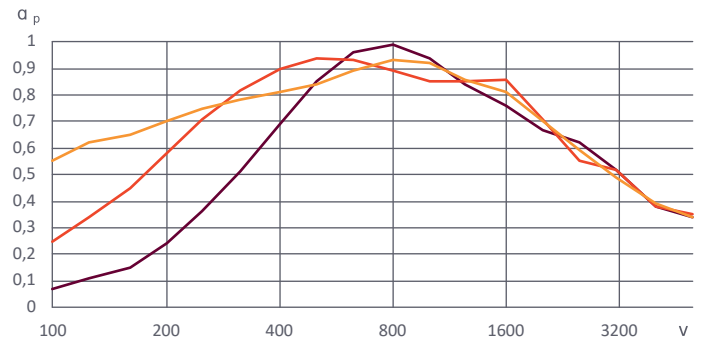
TOURNAI SH8

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



- Curve 1** - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
- Curve 2** - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
- Curve 3** - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

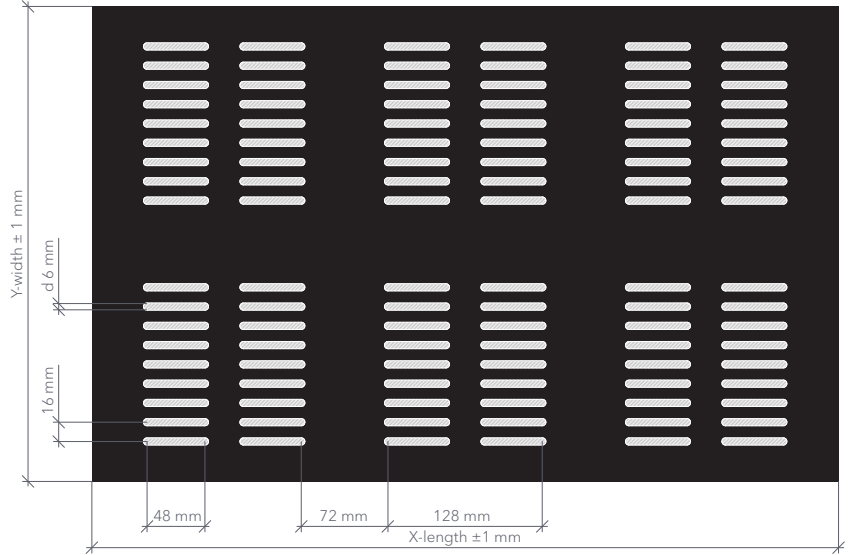
Sound Absorption Class C-B
 Open Area 26,4 %



BELNER

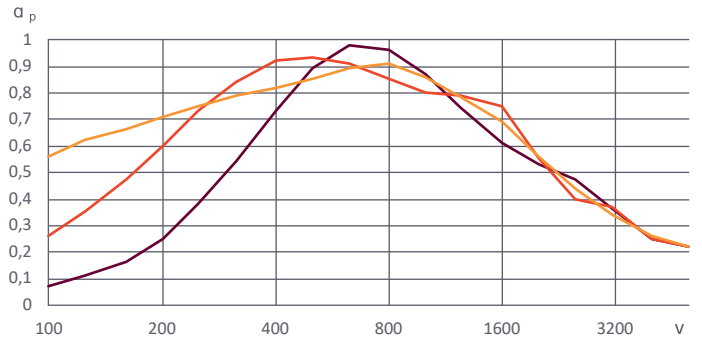
LIER SG6

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



- Curve 1** - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
- Curve 2** - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
- Curve 3** - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

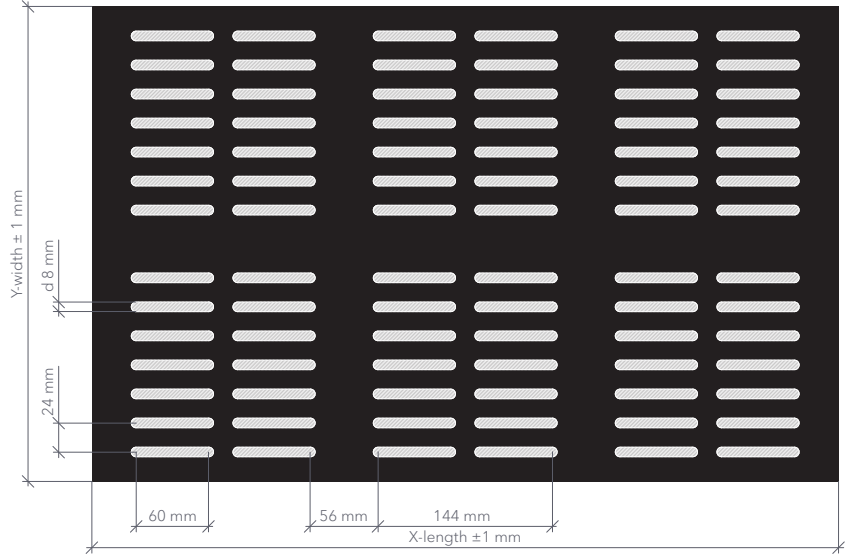
Sound Absorption Class C-B
 Open Area 19,8 %



BELNER

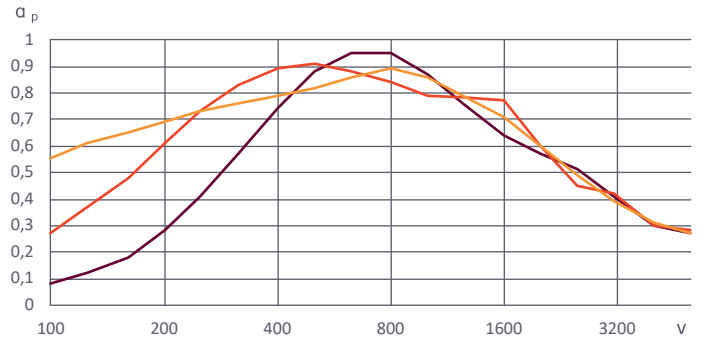
LIER SG8

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



- Curve 1** - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
- Curve 2** - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
- Curve 3** - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

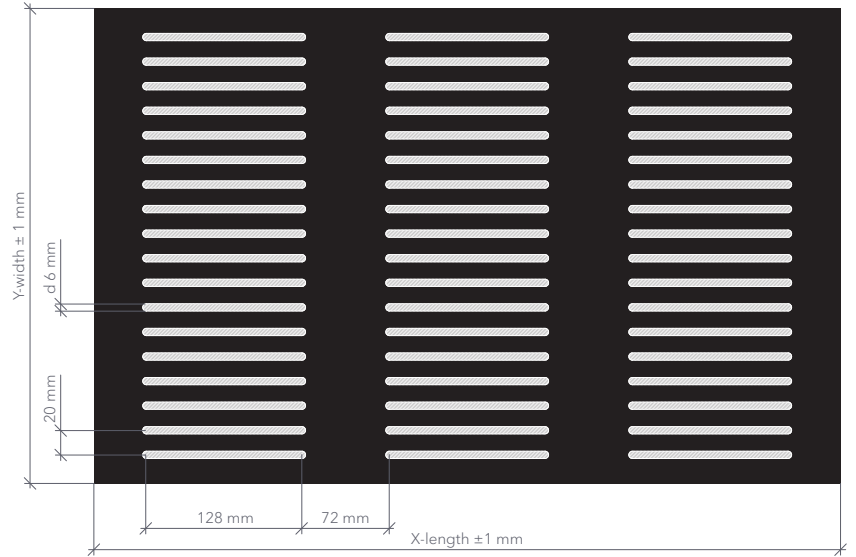
Sound Absorption Class C-B
 Open Area 22,1 %



BELNER

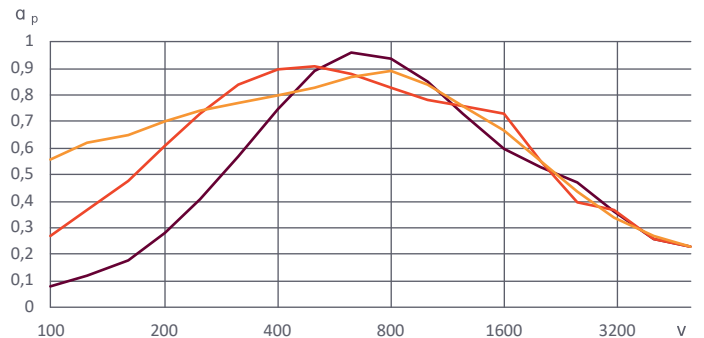
TORNIO SX6

STANDARD VENEER
TEXTURE RUNS
PARALLEL TO THE
PANEL LENGTH



ACOUSTIC ABSORPTION FREQUENCY RESPONSE

α_p - sound absorption coefficient
 ν - frequency, Hz



Curve 1 - with air space of 50 mm and filling with 50 mm StopZvuk BP Standard
 Curve 2 - with air space of 100 mm and filling with 50 mm StopZvuk BP Standard
 Curve 3 - with air space of 200 mm and filling with 100 mm StopZvuk BP Standard

STANDARD PANEL SIZES

X - length, mm	Y - width, mm	
1184	576	
1184	288	
2368	576	
2368	288	
2944	576	Panel size depends on the veneer sheet length
2944	288	

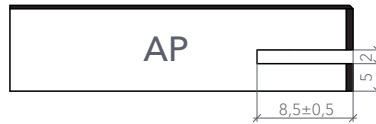
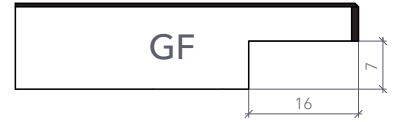
Notes:
 Baking material: gypsum chipboard, thickness 12mm, 14 mm.
 On request: Spanolux MDF 12 mm, 16 mm.
 On request: Russian MDF 10 mm, 12 mm, 16 mm.

Sound Absorption Class C-B
 Open Area 19,9 %

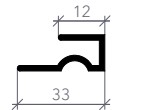
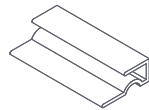


BELNER

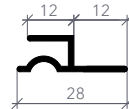
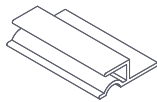
TYPES OF PANEL EDGES. GROOVES



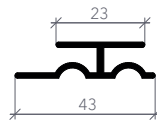
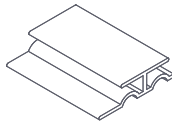
PROFILES



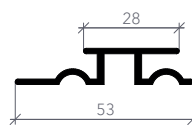
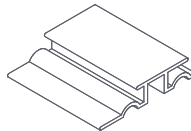
Profile - 4303
First, concealed
L- 3,000 mm



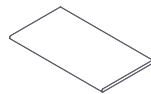
Profile - 4304
Closing
L- 3,000 mm



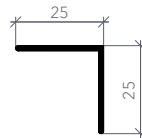
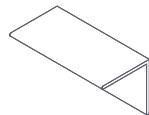
Profile - 4301
Connecting w/o a space
L- 3,000 mm



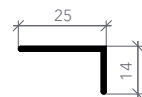
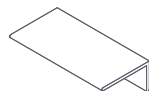
Profile - 4302
Connecting (for horizontal surfaces, with strip 28 mm)
L- 3,000 mm



Strip 28 mm
(for vertical surfaces, with profile 4302)
L- 3,000 mm

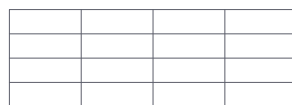


Angular profile 25 x 25 mm
(for inner and outer corners)
L- 3,000 mm

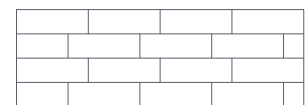


Angular profile 25 x 14 mm
(for inner and outer corners)
L- 3,000 mm

PANEL LAYOUT PATTERNS



Parallel



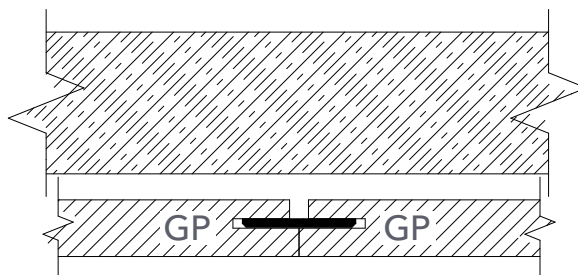
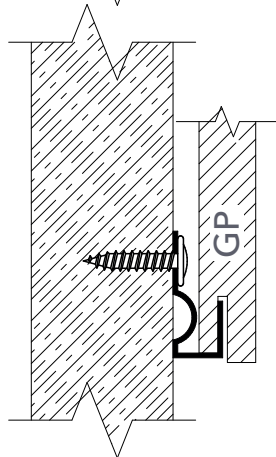
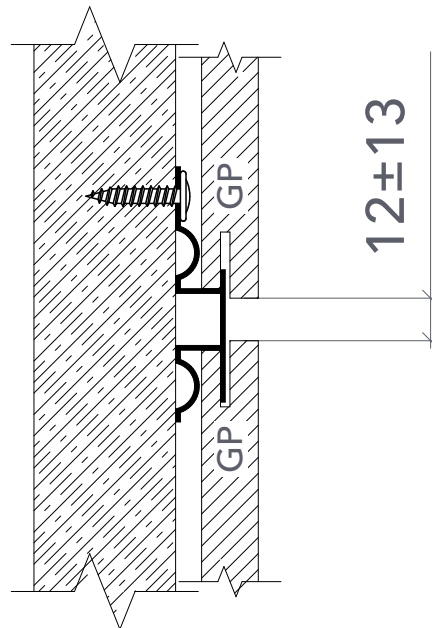
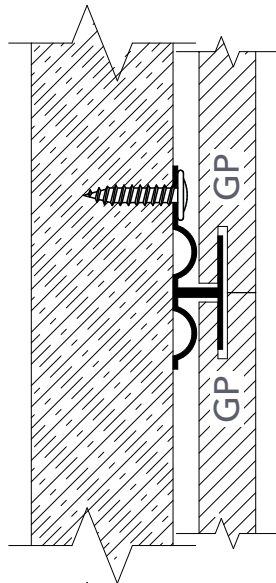
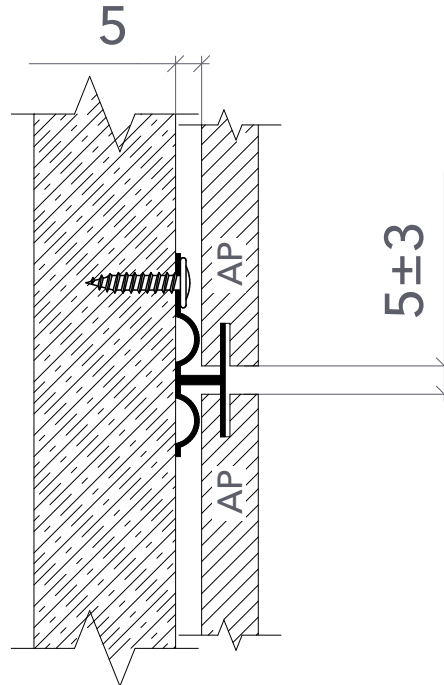
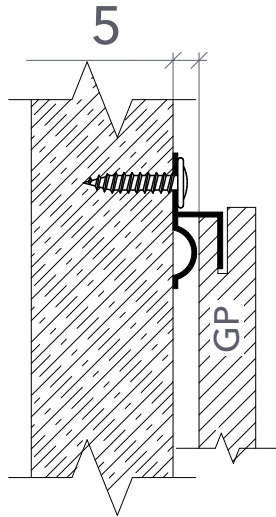
Shifted



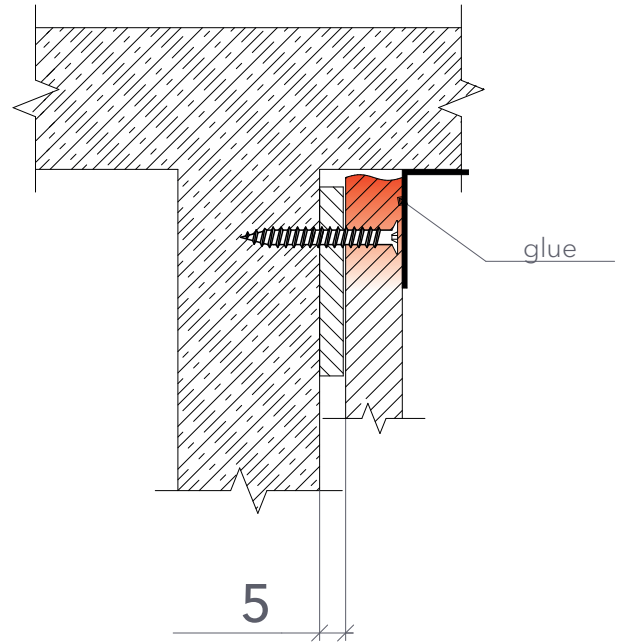
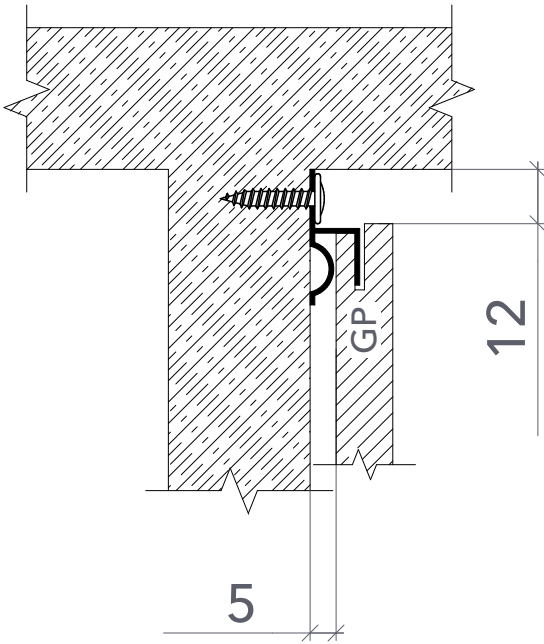
Staggered



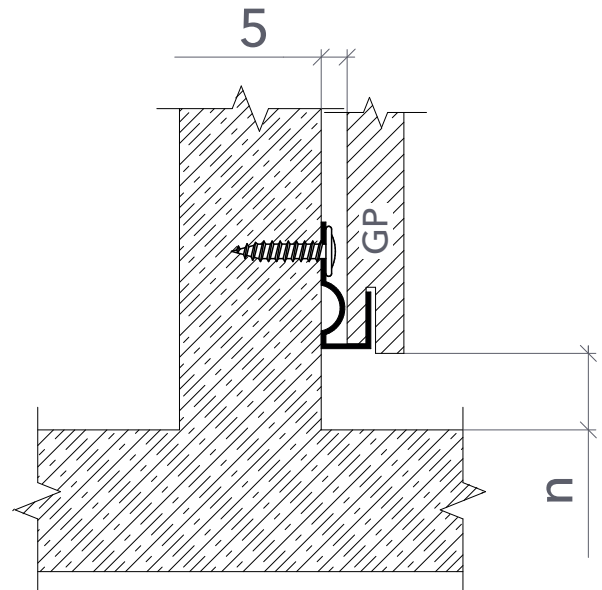
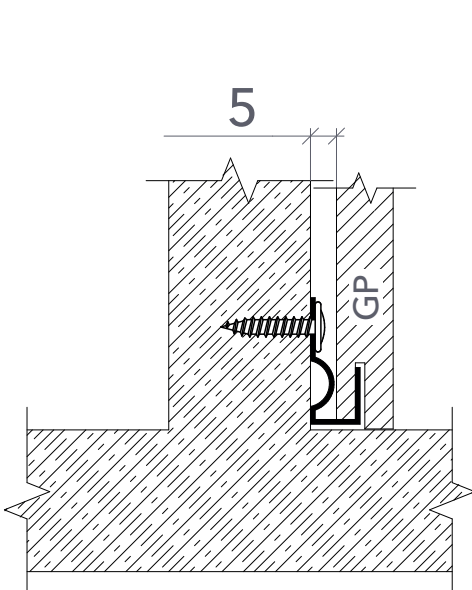
Random

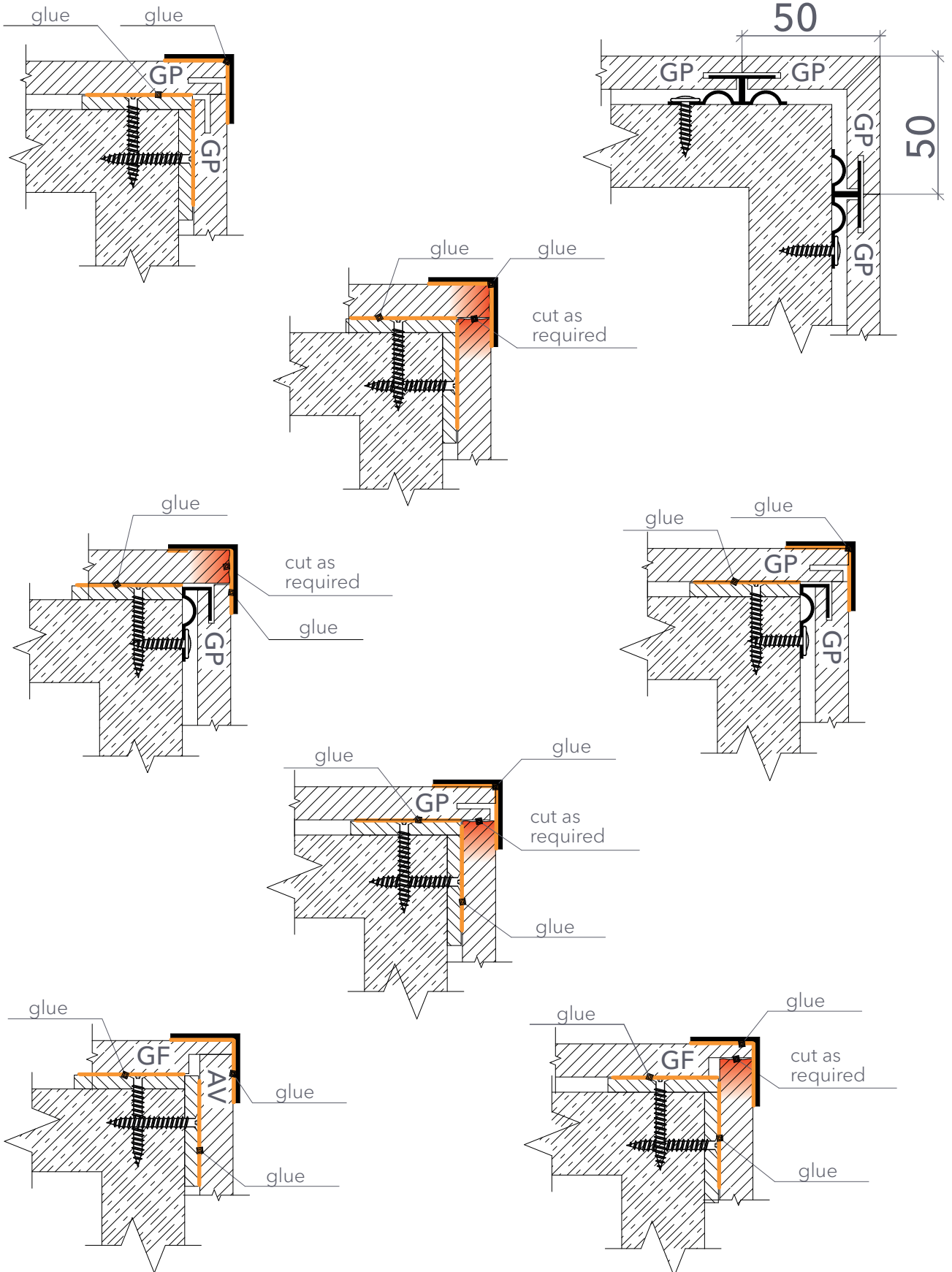


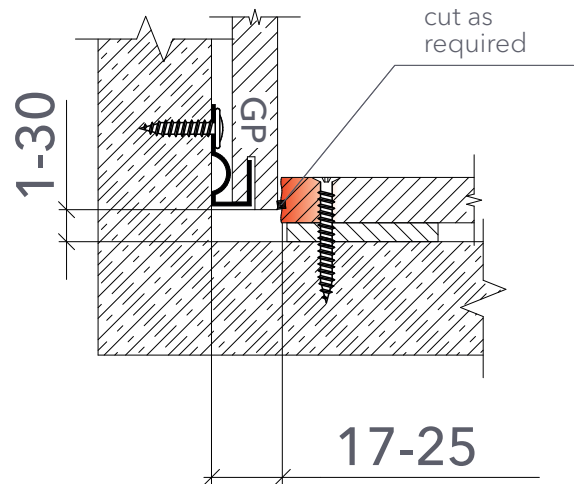
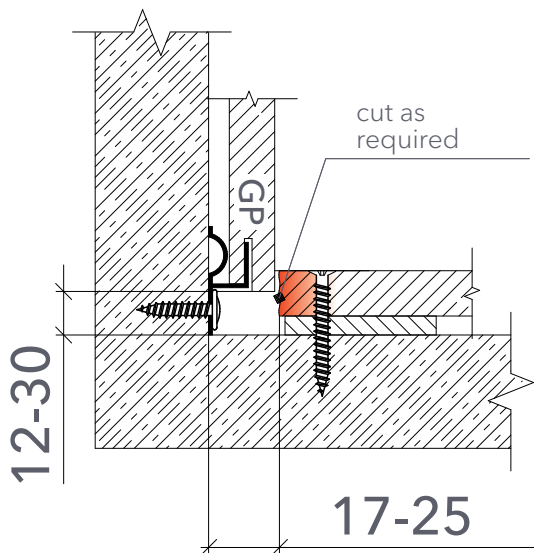
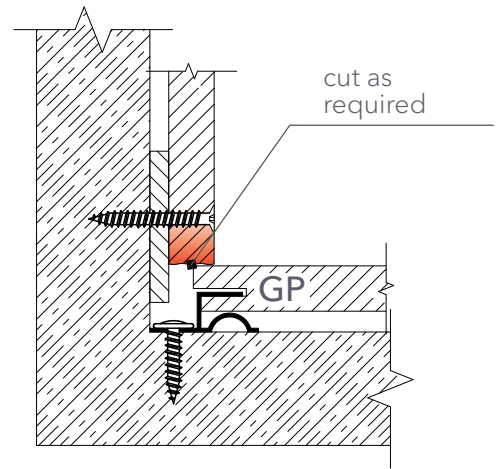
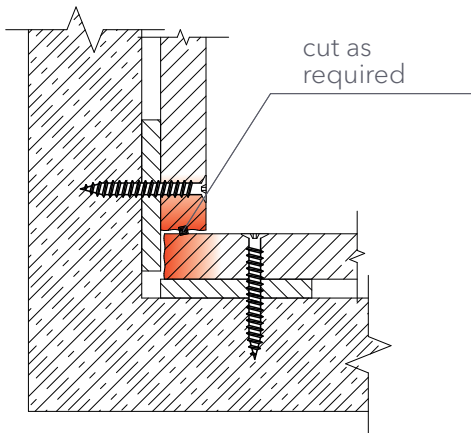
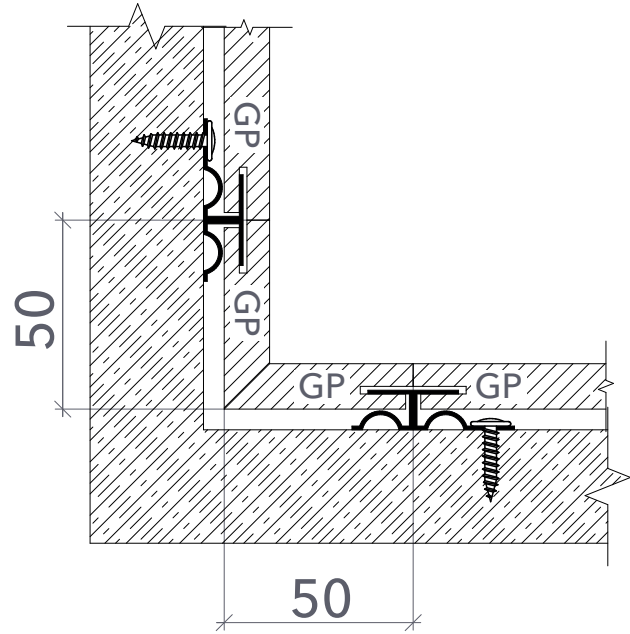
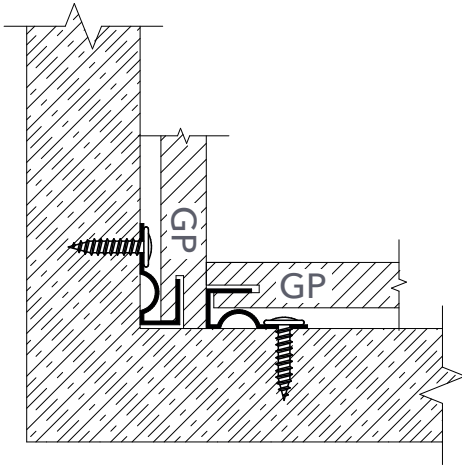
CEILING MOUNTING



FLOOR MOUNTING





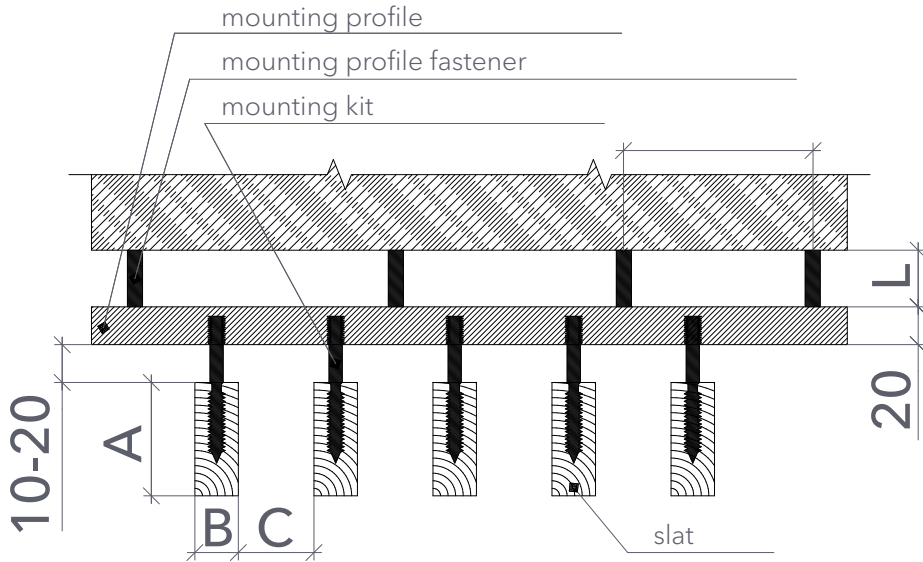




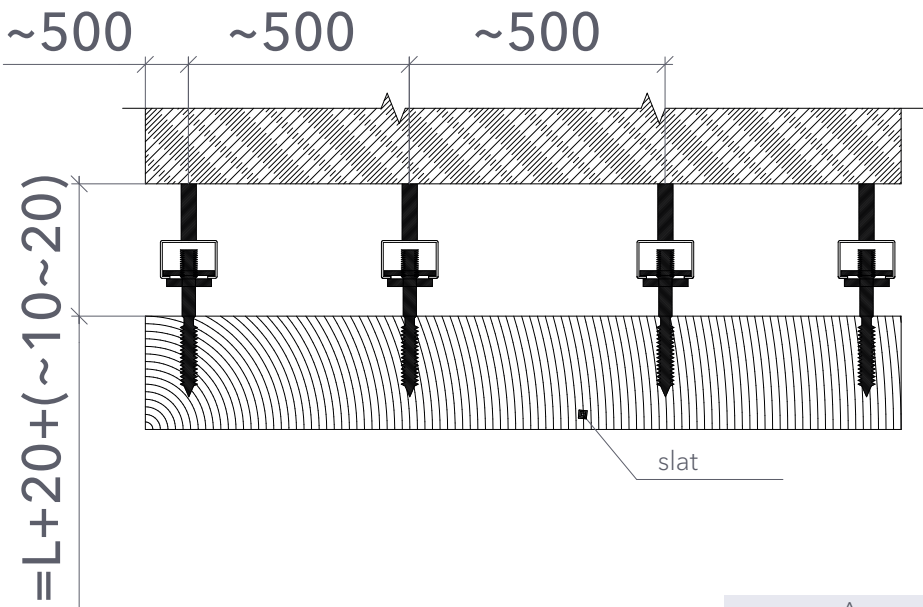
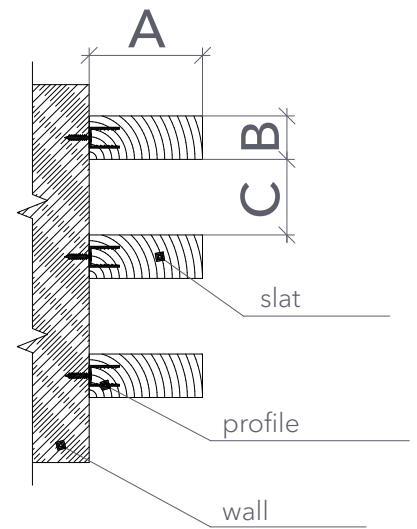
BELNER

RAILS

CEILING SLAT



WALL SLAT



A	60 mm; 90 mm; 140 mm
B	29 mm; 43 mm ± 1mm
C	typically B*2
L	2450 mm; 2950mm

Wood texture runs parallel to the slat length. Finished standard slats have veneered edges. Non-standard size slats are not manufactured.

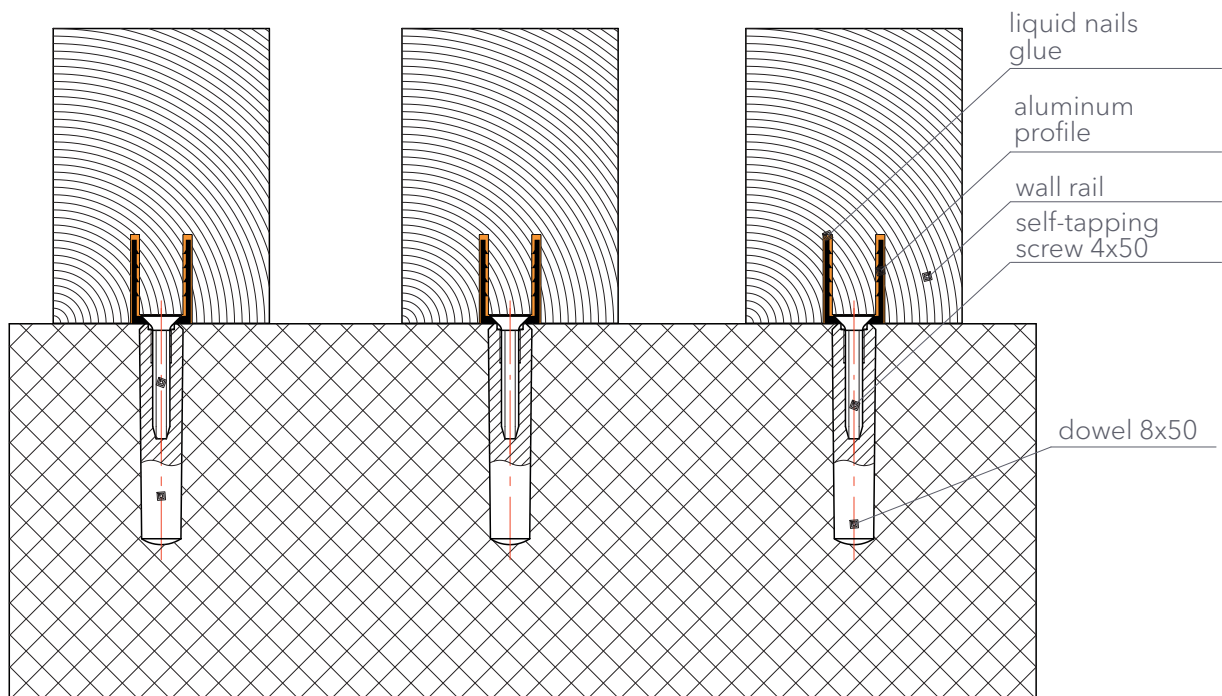
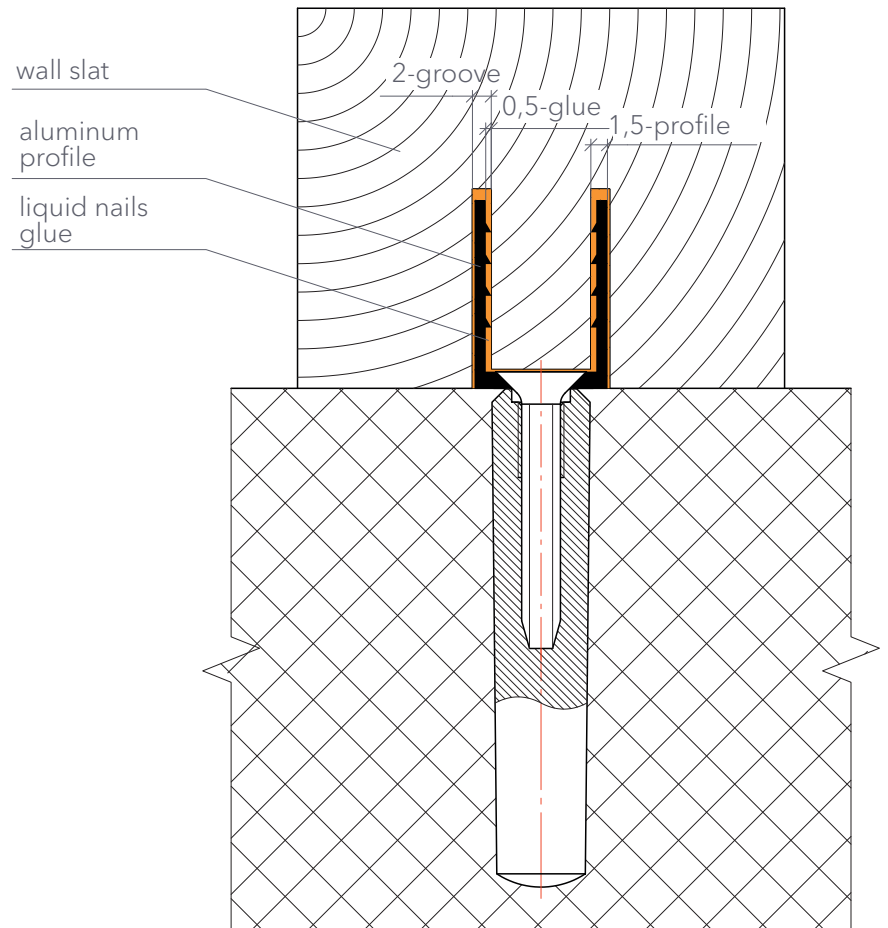
Slats are to be cut during installation. Non-standard size slat edges are not veneered. Please, contact factory managers to get information on the availability of veneers for slats of 2950 mm.



BELNER

INSTALLATION OF WALL SLATS

- 1 Drill the required number of holes in the wall for the dowels.
- 2 Fasten the profile with screws to the wall.
- 3 Apply liquid nails glue to the groove on the slat.
- 4 Place the slat on the profile and press to liquid nails glue according to the instructions.
- 5 Secure the slat with mounting tape to dry the glue.





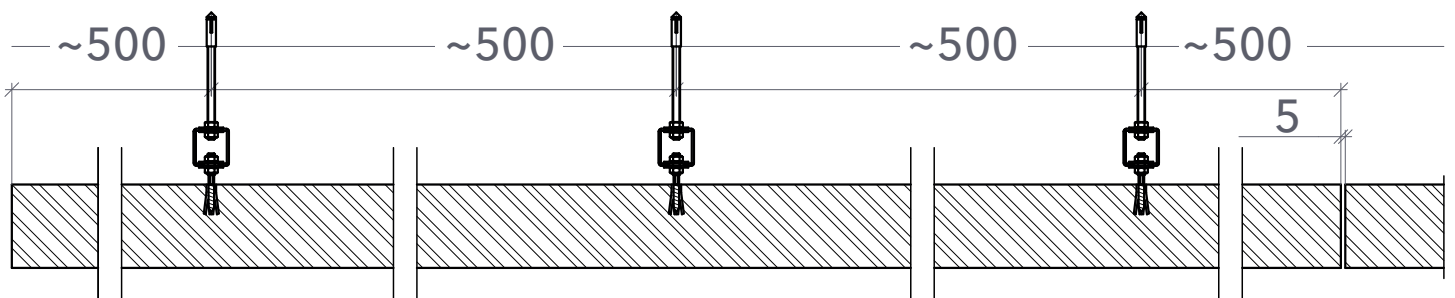
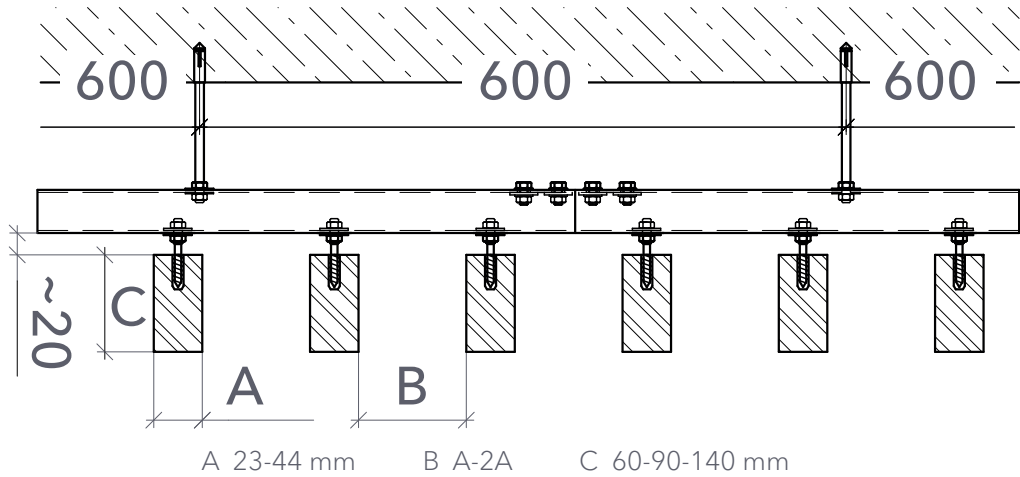
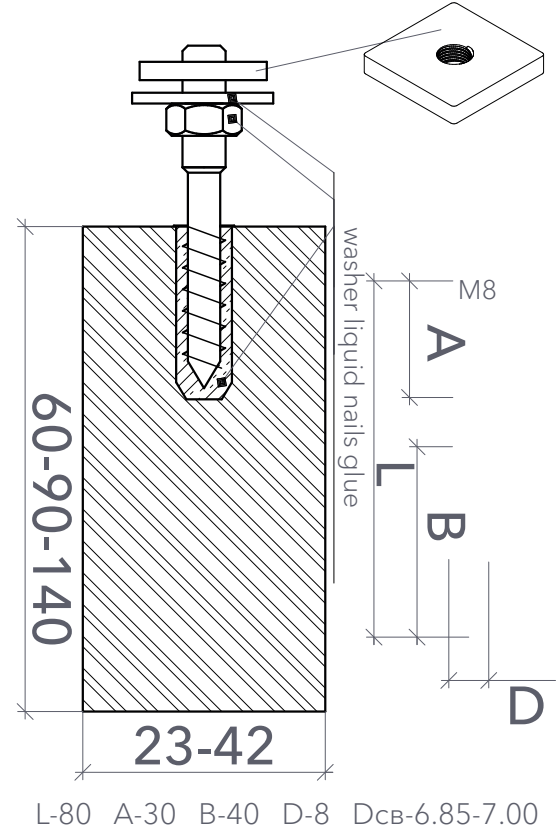
BELNER

INSTALLATION OF CEILING SLATS

- 1 Drill the required number of holes in the ceiling for the dowels.
- 2 Fasten the profile with the bolts to the ceiling and insert strictly on the level.
- 3 Fasten bolts and slats.
- 4 Fasten the slats to the profile.

Dimensions of wall and ceiling slats

Thickness 29 mm; 43 mm ± 1mm
 Width 60 mm; 90 mm; 140 mm
 Length 2450 mm; 2950 mm





BELNER

PANELS



Wood texture runs parallel to the panel length (X). It may run parallel to the panel width (Y), but the case should be approved by the manufacturing managers.



Manufacture of panels of non-standard sizes increases the cost by 10% or more (to be determined by managers).



Manufacture of panels or ceilings with d-edges increases the cost by 10% or more.



Manufacture of trapezoidal panels increases the cost by 10% or more.



Manufacture of flexible panels increases the cost by 10% or more.

SLATS



Wood texture runs parallel to the long side of slats.



Finished standard slats are manufactured with veneered edges.



Non-standard size slats are not manufactured.



Slats are to be cut during installation.



Slat edges are not veneered after cutting.



Please, contact factory managers to get information on the availability of slats of 2950 mm



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