feltdecor®
s.line

More than silent

Product sheet
PrintSlat

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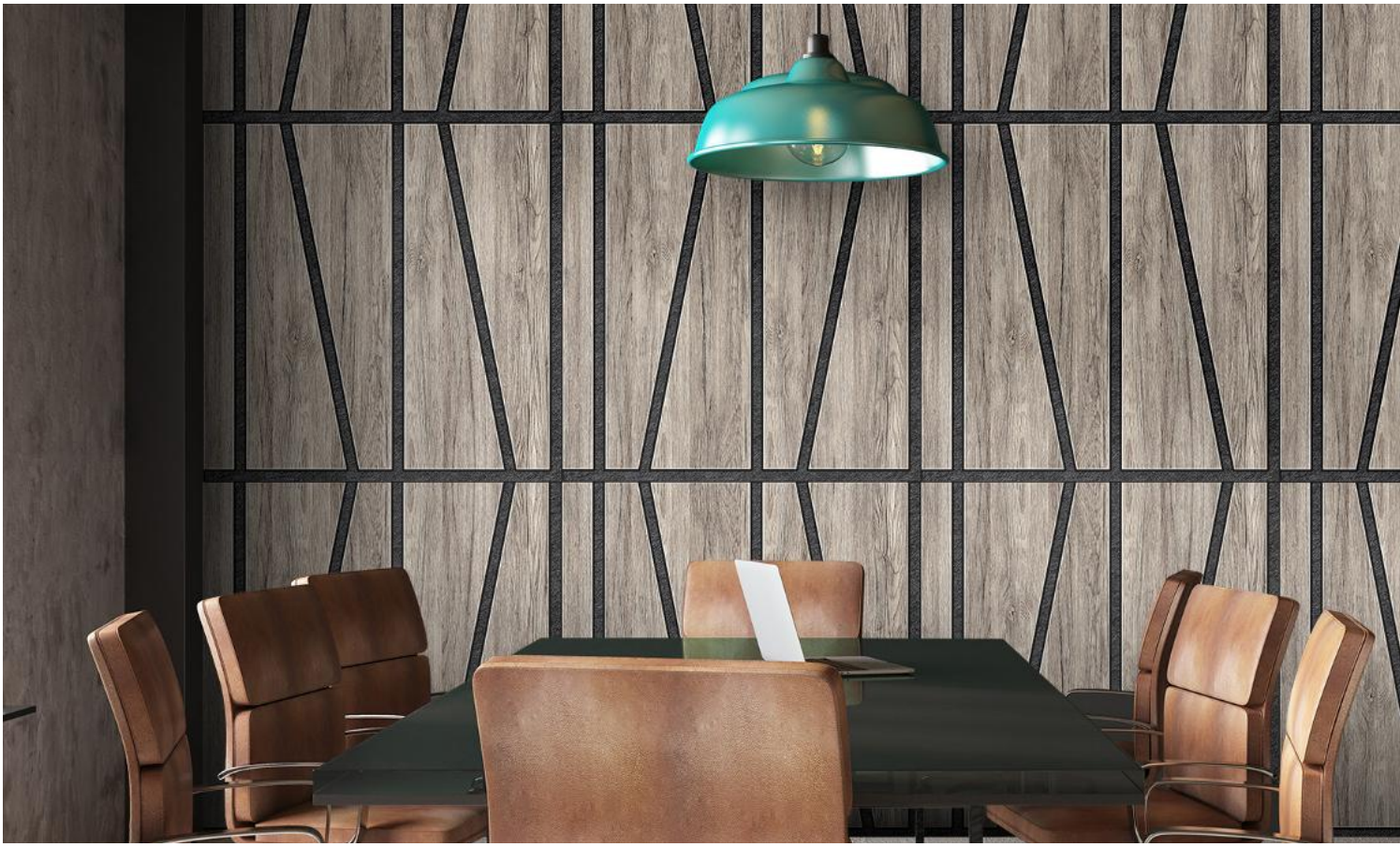
Product sheet - PrintSlat Collection



Acoustic panels effectively reduce reverberation noise in rooms, thereby improving sound quality. The panels are easy to install and can be customized to fit a variety of sizes and shapes, providing flexibility in interior design. In addition, the panels are aesthetically pleasing and can serve a decorative function, giving rooms a unique look. The material is easy to maintain, as it does not attract dust. 3D models available from the distributor.

Maintenance: To keep the panels in good condition, vacuum them regularly. If dirty, gently clean the panel with a damp cloth and mild detergent.

Available colors: According to s.line color chart
Minimum order: 8 panels
Packing: 610 x 670 x 81 mm carton, contains 8 panels with a total weight of about 6 kg.
Installation method: Sticking to the wall with mounting glue.
Cutting method: V-cut at an angle of 22.5°
Panel dimension: 600 x 600 x 9 mm | **Density:** 2000 g /m²
Composition: 100% PET polyester (partially recycled)

Sound absorption class: PN-EN ISO11654 αW = 0,25 for the product unassembled
Fire classification: EN 13501-1:2018 B-s1, d0 for all product applications

Product properties

PET acoustic panels effectively absorb sound, creating a calm and quiet environment in any room room. Whether it's an office, conference room, creative space or restaurant, our panels effectively reduce reverberation noise.

Sound absorption in a reverberation chamber according to PN-EN ISO 354:2005

Sample: Acoustic PET panels with a thickness of 9mm. Placed directly on the floor.

Sample area: 10,21 m²
Reverberation chamber volume: 200,00 m³

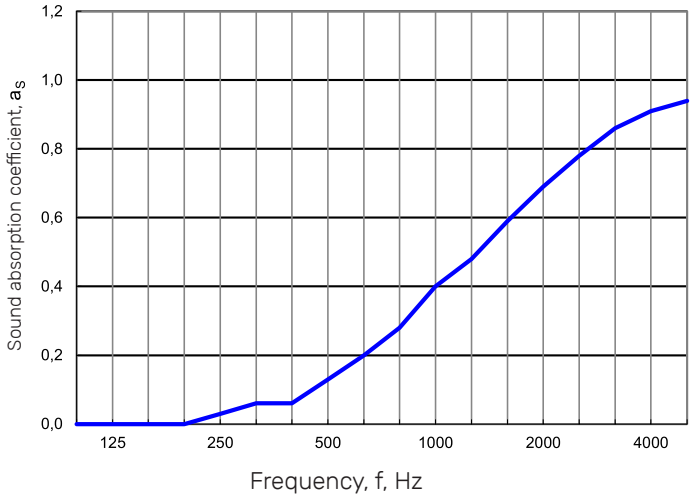
Reverberation chamber, with sample:
Temperature: 18,9 °C
Relative humidity: 43,8 %
Atmospheric pressure: 102,9 kPa

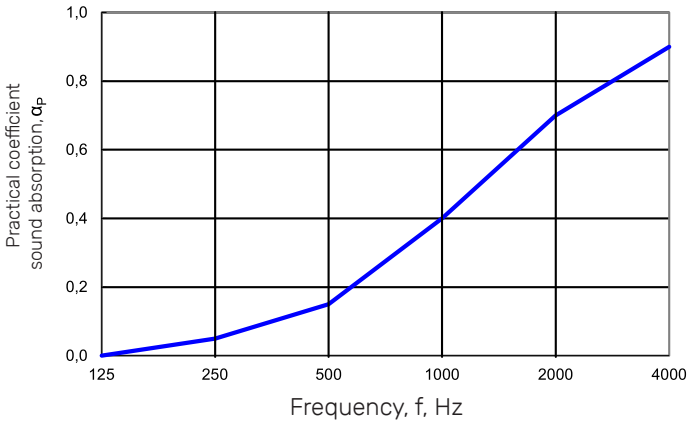
Reverberation chamber, empty:
Temperature: 18,9 °C
Relative humidity 47,2 %
Atmospheric pressure: 102,9 kPa

f [Hz]	T_1 [s]	T_2 [s]	A_T [m^2]	α_S	α_P
100	5,7	5,7	0,0	0,00	
125	5,9	5,9	0,0	0,00	0,00
160	4,9	5,0	0,0	0,00	
200	4,6	4,6	0,0	0,00	
250	4,4	4,2	0,3	0,03	0,05
315	4,6	4,3	0,6	0,06	
400	4,5	4,2	0,6	0,06	
500	4,8	4,0	1,4	0,13	0,15
630	4,5	3,5	2,1	0,20	
800	4,2	3,1	2,9	0,28	
1000	4,0	2,7	4,1	0,40	0,40
1250	3,8	2,4	4,9	0,48	
1600	3,6	2,2	6,0	0,59	
2000	3,4	1,9	7,0	0,69	0,70
2500	3,0	1,7	7,9	0,78	
3150	2,5	1,5	8,8	0,86	
4000	2,1	1,3	9,3	0,91	0,90
5000	1,7	1,1	9,6	0,94	

Indications:

f - frequency, in thirds bands [Hz]
T_1 - reverberation time of reverberation chamber, empty [s]
T_2 - reverberation time of reverberation chamber, with sample [s]
α_S - sound absorption coefficient
α_P - practical sound absorption coefficient
A_T - equivalent sound-absorbing area of the test sample [m2]





Sound absorption index and class according to PN-EN ISO 11654:1999
α_W = 0,25 (H)
Sound absorption class: E

Product properties

Sound absorption in a reverberation chamber according to PN-EN ISO 354:2005

Sample: Acoustic PET panels 9mm thick. Raised on the frame relative to the floor by 200mm (“air gap”).

Sample area: 10,21 m²
Reverberation chamber volume: 200,00 m³

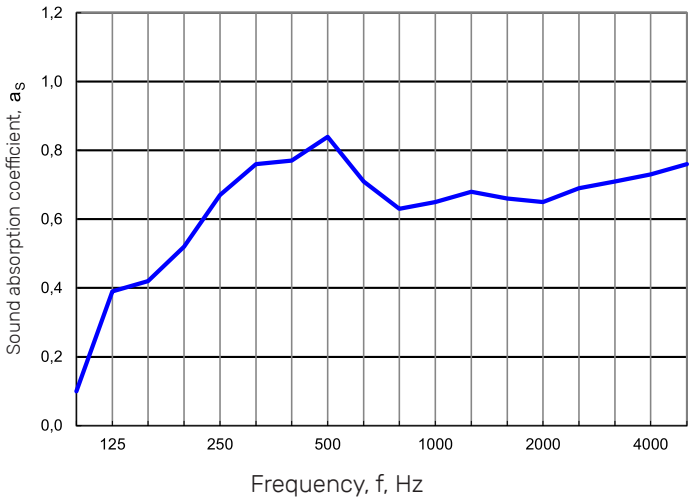
Reverberation chamber, with sample:
Temperature: 19,0 °C
Relative humidity: 45,2 %
Atmospheric pressure: 102,9 kPa

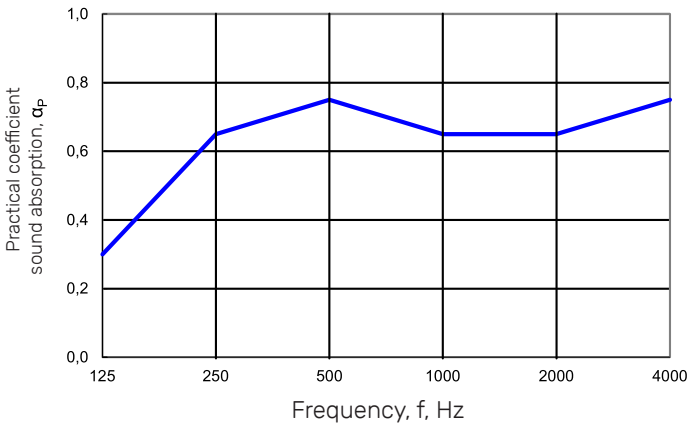
Reverberation chamber, empty:
Temperature: 19,0 °C
Relative humidity: 45,1 %
Atmospheric pressure: 102,9 kPa

f [Hz]	T_1 [s]	T_2 [s]	A_T [m²]	α_S	α_P
100	5,5	4,7	1,0	0,10	
125	5,3	3,2	4,0	0,39	0,30
160	4,5	2,8	4,3	0,42	
200	4,5	2,6	5,3	0,52	
250	4,4	2,3	6,8	0,67	0,65
315	4,2	2,1	7,7	0,76	
400	4,3	2,1	7,8	0,77	
500	4,2	2,0	8,5	0,84	0,75
630	4,0	2,1	7,3	0,71	
800	3,7	2,1	6,4	0,63	
1000	3,4	2,0	6,7	0,65	0,65
1250	3,2	1,9	6,9	0,68	
1600	3,0	1,9	6,7	0,66	
2000	2,8	1,8	6,7	0,65	0,65
2500	2,5	1,6	7,1	0,69	
3150	2,1	1,4	7,3	0,71	
4000	1,7	1,2	7,4	0,73	0,75
5000	1,4	1,1	7,7	0,76	

Indications:

f frequency, in thirds bands [Hz]
T_1 - reverberation time of reverberation chamber, empty [s]
T_2 - reverberation time of reverberation chamber, with sample [s]
α_S - sound absorption coefficient
α_P - practical sound absorption coefficient
A_T - equivalent sound-absorbing area of the test sample [m2]





Sound absorption index and class according to PN-EN ISO 11654:1999
α_W = 0,70
Sound absorption class: C

Product properties

Sound absorption in a reverberation chamber according to PN-EN ISO 354:2005

Sample: Acoustic PET panels 9mm thick. Laid on a layer of 40mm thick basotec foam.

Sample area: 10,47 m²
Reverberation chamber volume: 200,00 m³

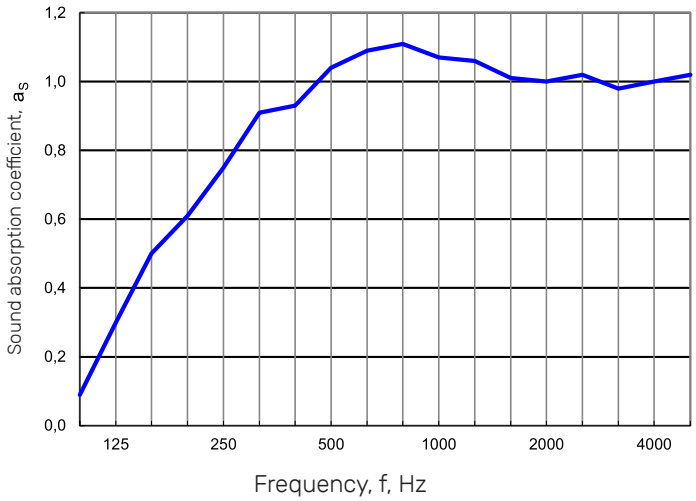
Reverberation chamber, with sample:
Temperature: 18,9 °C
Relative humidity: 44,5 %
Atmospheric pressure: 102,9 kPa

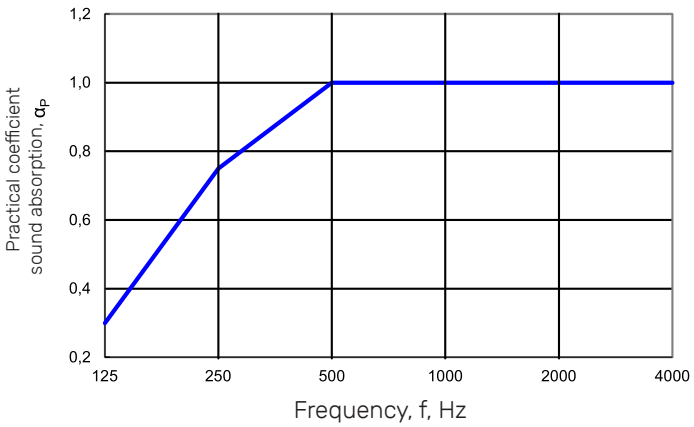
Reverberation chamber, empty:
Temperature: 18,9 °C
Relative humidity: 47,2 %
Atmospheric pressure: 102,9 kPa

f [Hz]	T_1 [s]	T_2 [s]	A_T [m²]	α_S	α_P
100	5,7	4,8	1,0	0,09	
125	5,9	3,8	3,1	0,30	0,30
160	4,9	2,7	5,2	0,50	
200	4,6	2,4	6,4	0,61	
250	4,4	2,1	7,9	0,75	0,75
315	4,6	2,0	9,5	0,91	
400	4,5	1,9	9,7	0,93	
500	4,8	1,8	10,9	1,04	1,00
630	4,5	1,7	11,4	1,09	
800	4,2	1,7	11,6	1,11	
1000	4,0	1,7	11,2	1,07	1,00
1250	3,8	1,6	11,1	1,06	
1600	3,6	1,7	10,6	1,01	
2000	3,4	1,6	10,5	1,00	1,00
2500	3,0	1,5	10,7	1,02	
3150	2,5	1,4	10,3	0,98	
4000	2,1	1,2	10,5	1,00	1,00
5000	1,7	1,1	10,7	1,02	

Indications:

f - frequency, in thirds bands [Hz]
T_1 - reverberation time of reverberation chamber, empty [s]
T_2 - reverberation time of reverberation chamber, with sample [s]
α_S - sound absorption coefficient
α_P - practical sound absorption coefficient
A_T - equivalent sound-absorbing area of the test sample [m2]





Sound absorption index and class according to PN-EN ISO 11654:1999
α_W = 1,00
Sound absorption class: A

Available panels

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Base color - Raven Black


Print color - Grey Oak


Print color - Rustic Oak


Print color - Vintage Oak


PrintEdge_D_GREY OAK


PrintEdge_D_RUSTIC OAK


PrintEdge_D_VINTAGE OAK


PrintEdge_G_GREY OAK


PrintEdge_G_RUSTIC OAK


PrintEdge_G_VINTAGE OAK


PrintShort_L_GreyOak


PrintShort_L_RusticOak


PrintShort_L_VintageOak


PrintShort_R_GreyOak


PrintShort_R_RusticOak


PrintShort_R_VintageOak


PrintSlim_GREY OAK


PrintSlim_RUSTIC OAK


PrintSlim_VINTAGE OAK


PrintWide_GreyOak


PrintWide_RusticOak


PrintWide_VintageOak

All panels are available on a Raven Black base.
The three colors visible above - Grey Oak, Vintage Oak, and Rustic Oak - are applied using UV printing technology.

Thickness: +/- 9 mm | **Density:** 2000 g / m² | **Composition:** 100% PET polyester (partially recycled)
Sound absorption class: PN-EN ISO11654 αW = 0,25 for the product unassembled
Fire classification: EN 13501-1:2018 B-s1, d0 for all product applications

Slight differences in color and texture may occur with multiple orders.
Synthetic felt is a heterogeneous mixture of polyester fibers, so that slight differences in color are a natural characteristic of the material and are no reason for complaint.

The colors shown may vary depending on the characteristics of your screen - we recommend that you visit your dealer to make sure of your final color choice.

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Installation instructions

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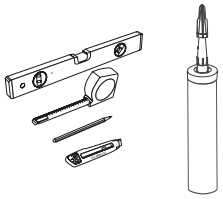
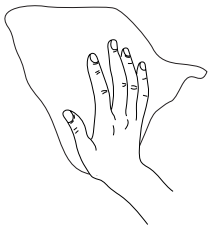
1. Preparation of tools

Prepare the necessary tools, such as a level, measuring tape, pencil, wallpaper cutter, ruler, glue.



2. Surface preparation

Make sure that the surface, on which you intend to install the panels is clean, dry, free of dust and other contaminants.



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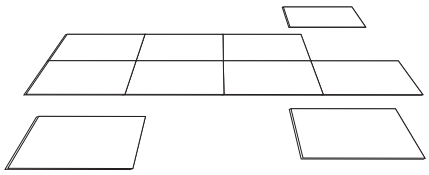
3. Planning

Determine whether the arrangement will be wall-to-wall or floating. Plan the placement of the design well before starting work.

Before gluing on the wall, we recommend laying the arrangement on the floor and check the product.

Claims of visible defects should be made before installation and use of the panels. Panels after installation are not subject to complaints.



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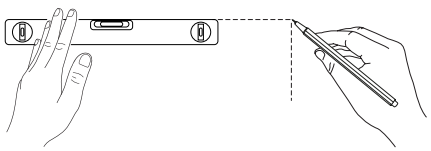
4 Measurement and marking

Carefully measure the spot where you want to install the panels. Using a level, measure and align the line of your first tile, usually starting from the center of the arrangement. It may be useful to mark the edges with a pencil.

The first panel must be aligned correctly to get an even distribution of the other panels.



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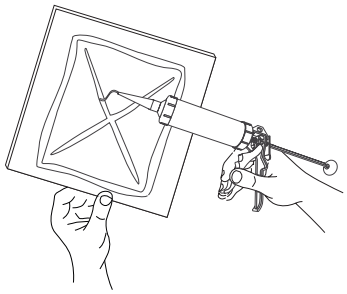
5. Glue application

Apply the adhesive to the panel. Remember not to apply the glue too close to the edge of the panel. Keep a distance of 2-3 cm from the edge, this will prevent the glue from unsightly flowing beyond the edge of the panel. The adhesive layer should be max 0.5 cm thick (smooth wall), or 1 cm (rough surface).

When installing with glue, follow the manufacturer's recommendations.



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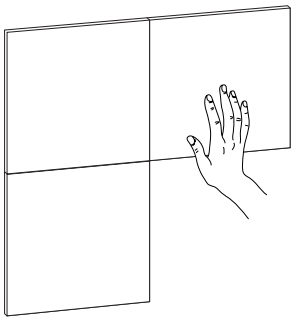
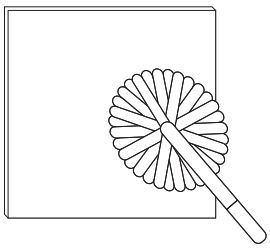
6. Installation of panels

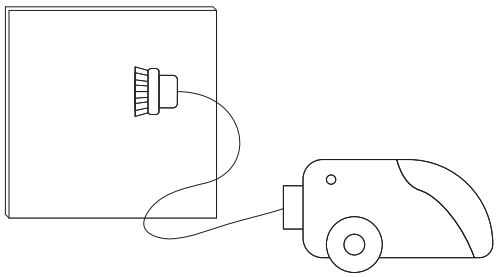
Apply each panel to the wall surface and press firmly for about 30 seconds. Make sure that each piece is properly aligned with the previous ones.



Panel cleaning

1. Use a dust broom or a vacuum cleaner with a soft suction nozzle to remove dust.





2. In the case of light contamination, wet the soiled area with water, then wipe lightly with a
with a sponge and dry with a clean cloth. For medium contamination, apply a mild cleaner to the soiled area
(we recommend testing in an invisible area).

If necessary, a steam cleaner can be used. **It is recommended to gently clean the panels without scrubbing.**