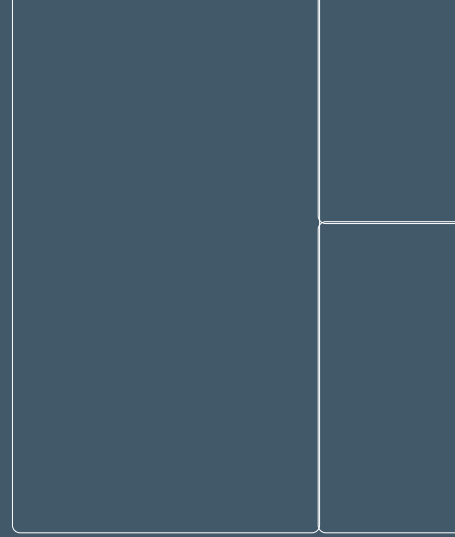
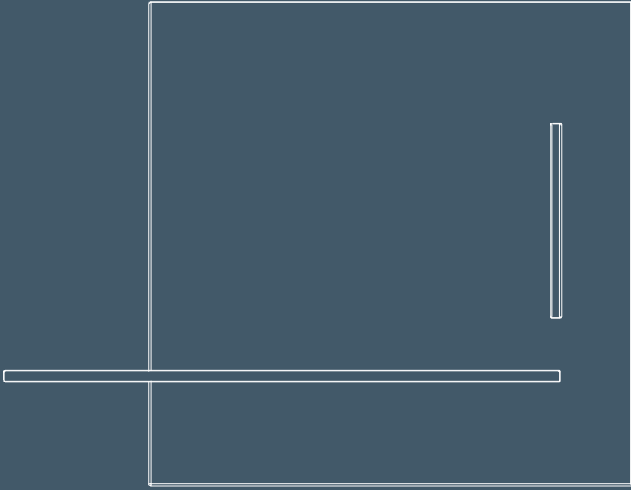
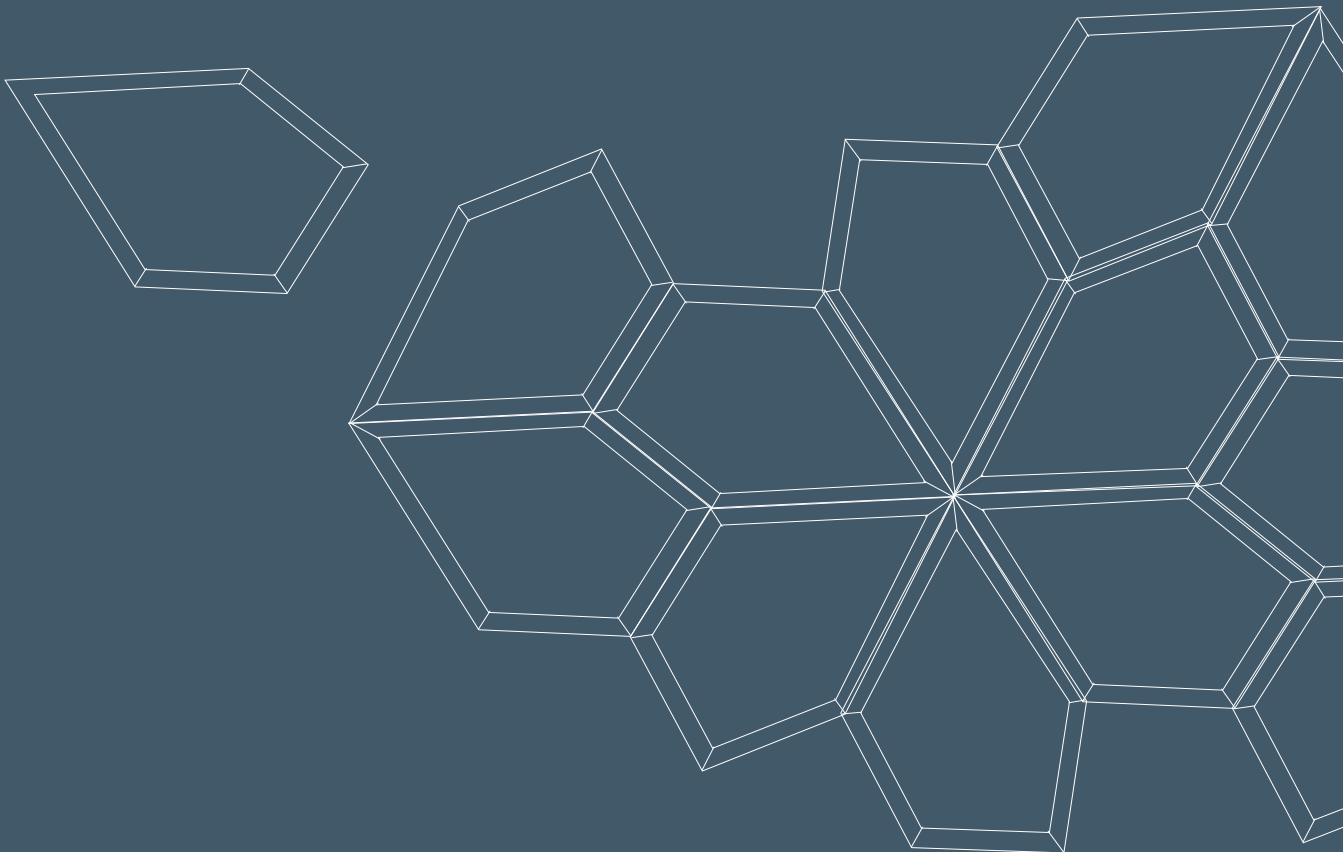


NowyStyl



# WALL PANELS

Acoustic products specifications



Let's make your space together

# NowyStyl

**Content development:**

Anna Kanik  
Katarzyna Bereźnicka

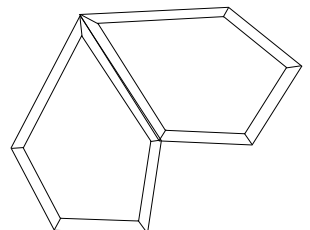
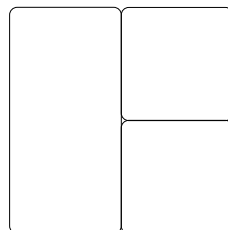
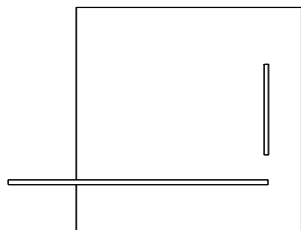
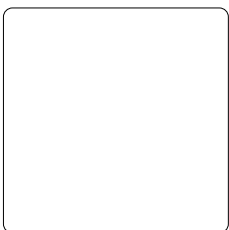
**Graphic Design:**

Zuzanna Kierenkiewicz

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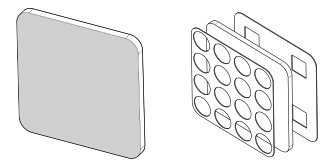
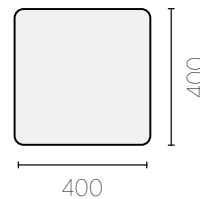


# Sileo Levels wall panel

## Acoustic product specification

Details:


	dimensions [mm]	weight [kg/piece]
<b>Sileo Levels Treble</b>	<b>400 × 400 × 28</b>	<b>0,57</b>
<b>Sileo Levels Middle</b>	<b>400 × 400 × 58</b>	<b>0,88</b>
<b>Sileo Levels Bass</b>	<b>400 × 400 × 88</b>	<b>1,20</b>





Sileo Levels Treble

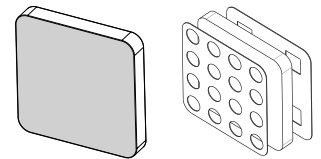
Fabrics: Step, Step Melange, Blazer, Synergy

Available versions:

 Treble – absorbing high frequencies, total thickness 28 mm, perforation  $\varnothing$  80 mm

 Middle – absorbing middle frequencies, total thickness 58 mm, perforation  $\varnothing$  60 mm

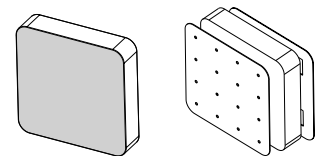
 Bass – absorbing low frequencies, total thickness 88 mm, perforation  $\varnothing$  10 mm



Sileo Levels Middle

A set consists of: a panel, 4 handles, an assembly template and a manual.

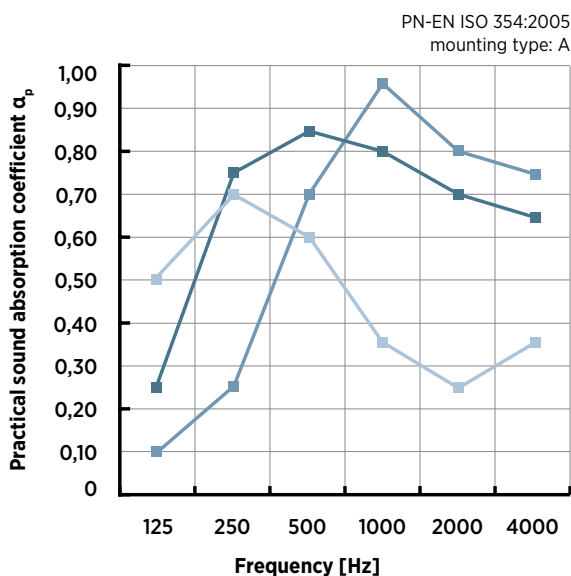
Assembly: panels are assembled to the wall with dedicated brackets, consisting of two parts: one fixed to the panel, the other to be fixed to the wall (screws are not included in fixing kit due to panel-wall assembly requirements).



Sileo Levels Bass

Construction: light, frameless construction. Made of HDF board, thickness 2,5 mm, with full-board back part, and perforated front part. Covered with fire retardant foam with high acoustic properties.

## Acoustic properties



Sound-absorbing wall panels are used to reduce reverb and flutter echo effect in an office space. Diverse types of panels absorb low, middle and high frequencies, which makes it possible to select panels appropriate for a particular type of space.

Treble - absorbing high frequencies (mostly affect sounds like clicking, tapping, phone ringtones, etc.)  
Middle - absorbing middle frequencies (mostly affect human speech).

Bass - absorbing low frequencies (mostly affect steps, HVAC and office equipment noise)

 Sileo Levels Bass 400 × 400

 Sileo Levels Middle 400 × 400

 Sileo Levels Treble 400 × 400

f[Hz]	Sound absorption coefficient $\alpha$						$\alpha_w$	Sound absorption class
	125	250	500	1000	2000	4000		
Sileo Levels Treble	0,10	0,25	0,70	0,95	0,80	0,75	0,55 (MH)	D
Sileo Levels Middle	0,25	0,75	0,85	0,80	0,70	0,65	0,75	C
Sileo Levels Bass	0,50	0,70	0,60	0,35	0,25	0,25	0,35 (LM)	D

# Sileo Pro wall panel




## Acoustic product specification

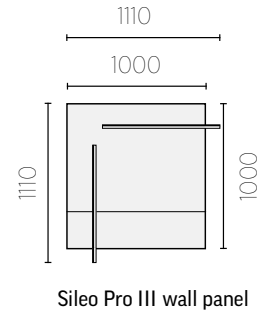
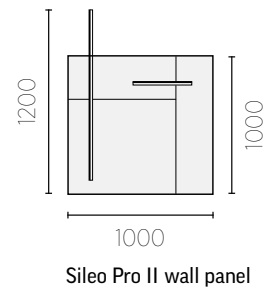
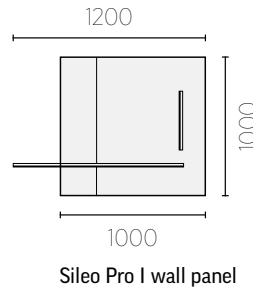
Details:

dimensions [mm]	weight [kg/piece]
1000 × 1000 × 80	10,4

Fabrics: Era, Felicity, Radio, Step/Step melange, Remix 3

Available versions:

-  Sileo Pro I wall panel, two-colour upholstery, vertical division
-  Sileo Pro II wall panel, three-colour upholstery
-  Sileo Pro III wall panel, two-colour upholstery, horizontal division.

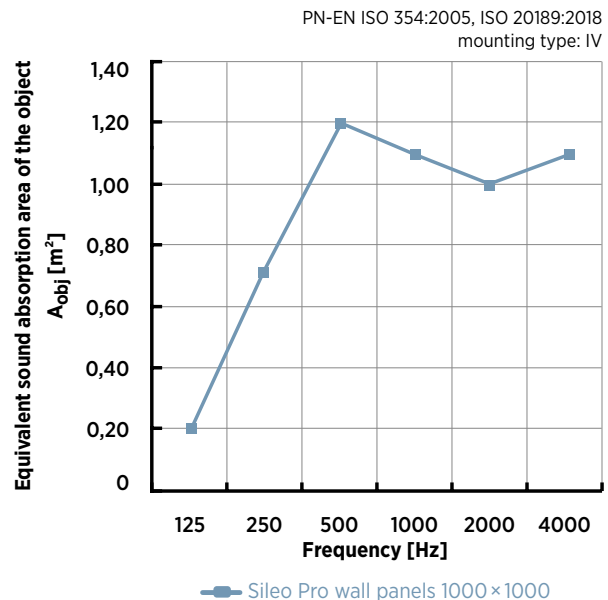
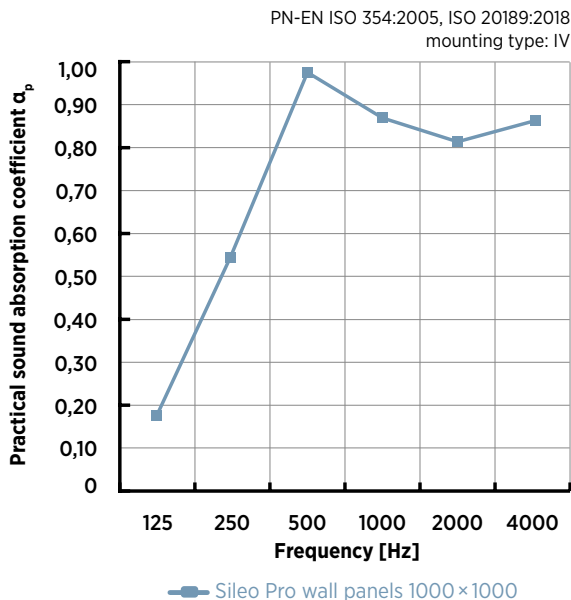


A set consists of: a panel, 4 handles, an assembly template and a manual.

Assembly: Panels are assembled to the wall with dedicated brackets, consisting of two parts: one fixed to the panel, the other to be fixed to the wall (screws are not included in fixing kit due to panel-wall assembly requirements). Recommended distance between assembled panels is 15 cm.

Construction: frame is made of chipboard, thickness 60 mm. Covered with fire retardant foam with high acoustic properties, thickness 42 mm, density 50-60 kg / m<sup>3</sup>. Panel thickness 62 mm, including decorative bars, thickness 80 mm.

### Acoustic properties



Sound absorption coefficient $\alpha$						
f [Hz]	125	250	500	1000	2000	4000
$\alpha_p$	0,18	0,57	0,99	0,89	0,81	0,87
$\alpha_w$	0,80 (MH)					
Equivalent sound absorption area of the object $A_{obj}$ [m <sup>2</sup> ]						
f [Hz]	125	250	500	1000	2000	4000
$A_{obj}$ [m <sup>2</sup> ]	0,20	0,70	1,20	1,10	1,00	1,10



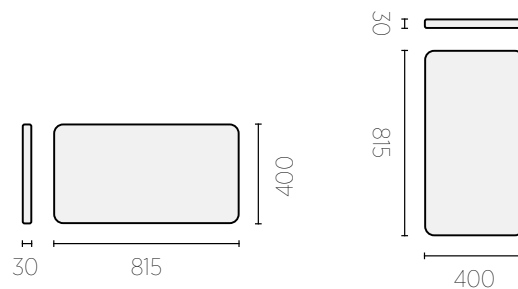
Sound-absorbing wall panels are used to reduce reverb and flutter echo effect in an office space. Product is the most effective in the range of medium and high frequencies, so it will mostly affect sounds like human speech, clicking, tapping, phone ringtones, etc. Panels designed for managers offices and meeting rooms.

# Sileo S wall panel

## Acoustic product specification




Details:

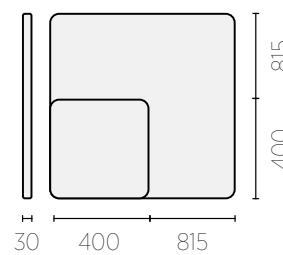
	dimensions [mm]	weight [kg/piece]
horizontal	815 × 400 × 30	2,15
vertical	400 × 815 × 30	2,15
square	400 × 400 × 30	1,43
	815 × 815 × 30	3,80



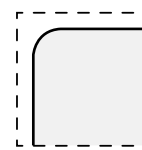
Fabrics: Step, Step Melange, Blazer, Synergy

Panels are available in the following upholstery versions:

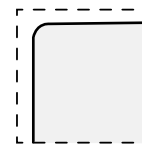
-  one colour upholstery
-  1/3 left side, 2/3 right side (right version)
-  2/3 left side, 1/3 right side (left version)



Corners:



angular



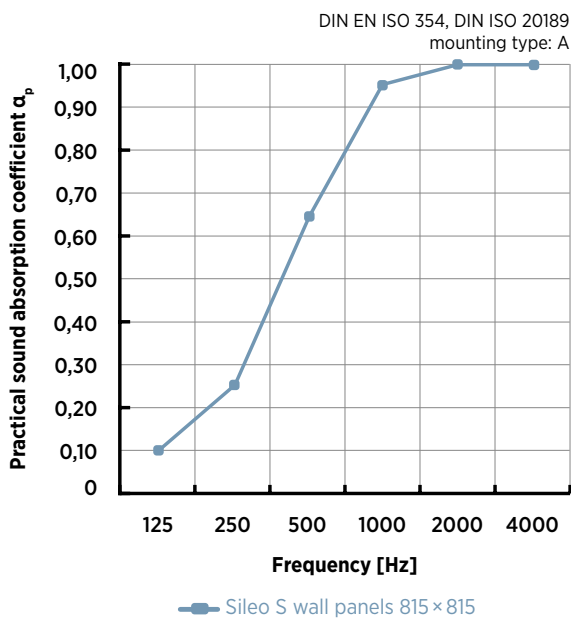
rounded

A set consists of: a panel, 4 handles, an assembly template and a manual.

Assembly: panels are assembled to the wall with dedicated brackets, consisting of two parts: one fixed to the panel, the other to be fixed to the wall (screws are not included in fixing kit due to panel-wall assembly requirements).

Construction: made of plywood and chipboard with production waste foam with high acoustic properties, upholstered and pinnable.

## Acoustic properties



Sound-absorbing wall panels are used to reduce reverb and flutter echo effect in an office space. Product is the most effective in the range of medium and high frequencies, so it will mostly affect human speech, clicking, tapping, phone ringtones, etc.

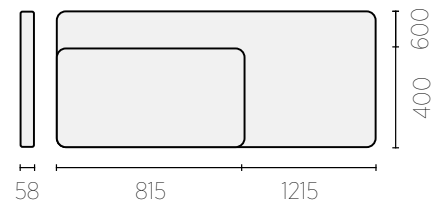
Sound absorption coefficient $\alpha$						
f[Hz]	125	250	500	1000	2000	4000
$\alpha_p$	0,10	0,25	0,65	0,95	1,00	1,00
$\alpha_w$	0,55 (MH)					

# Sileo wall panel

## Acoustic product specification




Details:

	dimensions [mm]	weight [kg/piece]
<b>horizontal</b>	<b>815 × 400 × 58</b>	<b>4,9</b>
	<b>1215 × 600 × 58</b>	<b>8,3</b>
<b>vertical</b>	<b>400 × 815 × 58</b>	<b>4,9</b>
	<b>600 × 1215 × 58</b>	<b>8,3</b>



Fabrics: Step, Step Melange, Blazer, Synergy

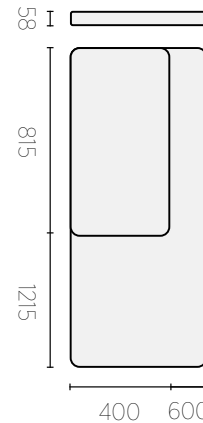
Panels are available in the following upholstery versions:

-  one colour upholstery
-  1/3 left side, 2/3 right side (right version)
-  2/3 left side, 1/3 right side (left version)

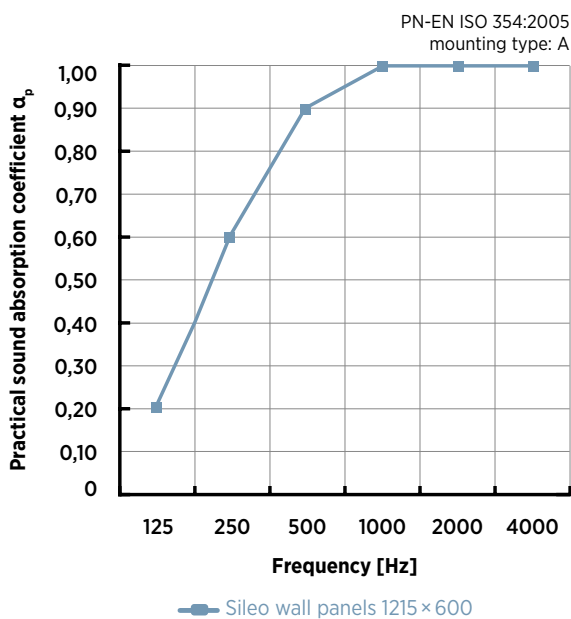
A set consists of: a panel, 4 handles, an assembly template and a manual.

Assembly: panels are assembled to the wall with dedicated brackets, consisting of two parts: one fixed to the panel, the other to be fixed to the wall (screws are not included in fixing kit due to panel-wall assembly requirements). Intervals between assembled panels is 10mm, dedicated assembly template included in set.

Construction: made of chipboard with production waste foam with high acoustic properties, upholstered and pinnable.



### Acoustic properties



Sound-absorbing wall panels are used to reduce reverb and flutter echo effect in an office space. Product is the most effective in the range of medium and high frequencies, so it will mostly affect human speech, clicking, tapping, phone ringtones, etc.

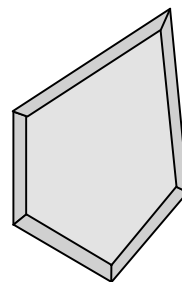
f[Hz]	Sound absorption coefficient $\alpha$						Sound absorption class
	125	250	500	1000	2000	4000	
$\alpha_p$	0,20	0,60	0,90	1,00	1,00	1,00	<b>A</b>
$\alpha_w$	0,90						

# Formo wall panel

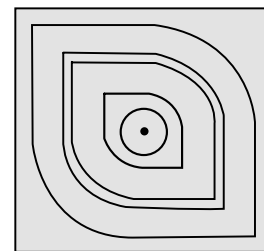
## Acoustic product specification

Details:

	dimensions [mm]	weight [kg/piece]
<b>Formo wall panel I</b>	<b>518 × 361 × 43</b>	<b>0,75</b>
<b>Formo wall panel II</b>	<b>450 × 450 × 60</b>	<b>0,73</b>
<b>Formo wall panel III</b>	<b>398 × 675 × 43</b>	<b>1,13</b>



Formo I



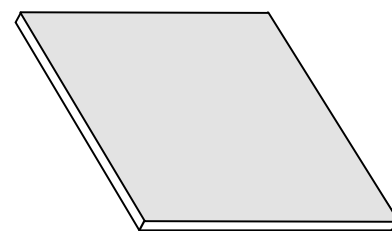
Formo II

Finish options: thermoformed felt covered with dedicated fabrics  
- Synergy (Formo I and III), Hush thermoformed felt (Formo II).

A set consists of: a panel, a fixing kit and a manual.

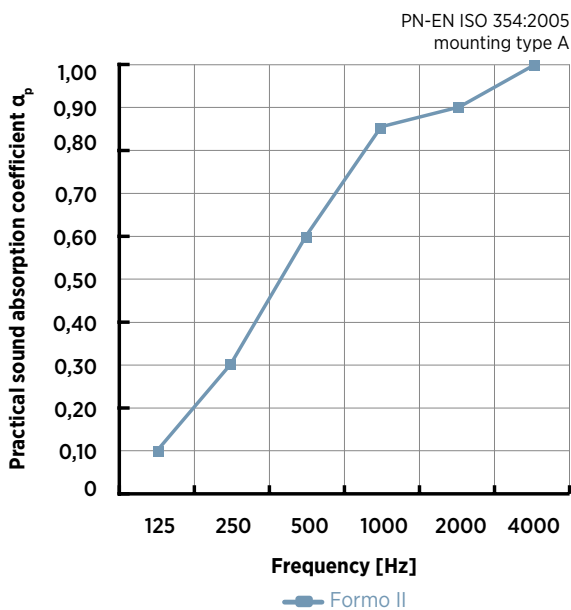
Assembly: panels are assembled to the wall with dedicated brackets, consisting of two parts: one permanently fixed to panel, the other to be fixed to the wall (screws are not included in fixing kit due to panel-wall assembly requirements). Both bracket parts are joined with velcro-tape fixing.

Construction: made of thermoformed felt.



Formo III

### Acoustic properties

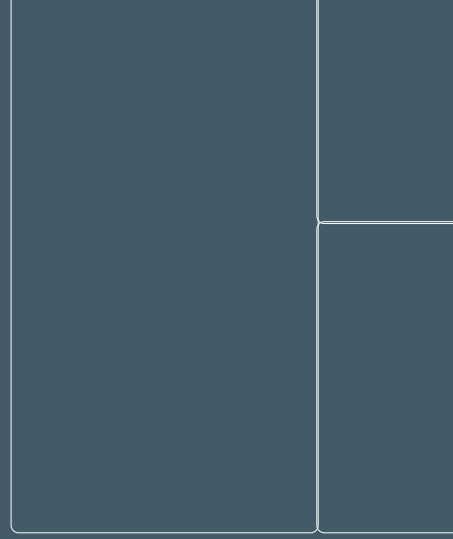
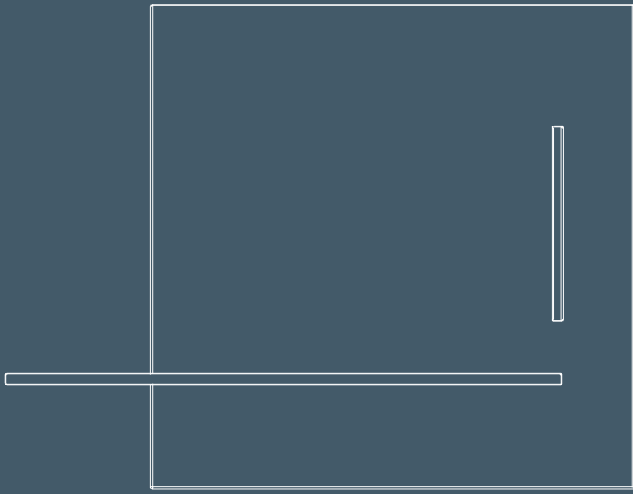


Sound-absorbing wall panels are used to reduce reverb and flutter echo effect in an office space. Product is the most effective in the range of medium and high frequencies, so it will mostly affect human speech, clicking, tapping, phone ringtones etc.

f[Hz]	Sound absorption coefficient $\alpha$						Sound absorption class
	125	250	500	1000	2000	4000	
$\alpha_p$	0,10	0,30	0,60	0,85	0,95	1,00	C
$\alpha_w$	0,60 (MH)						







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