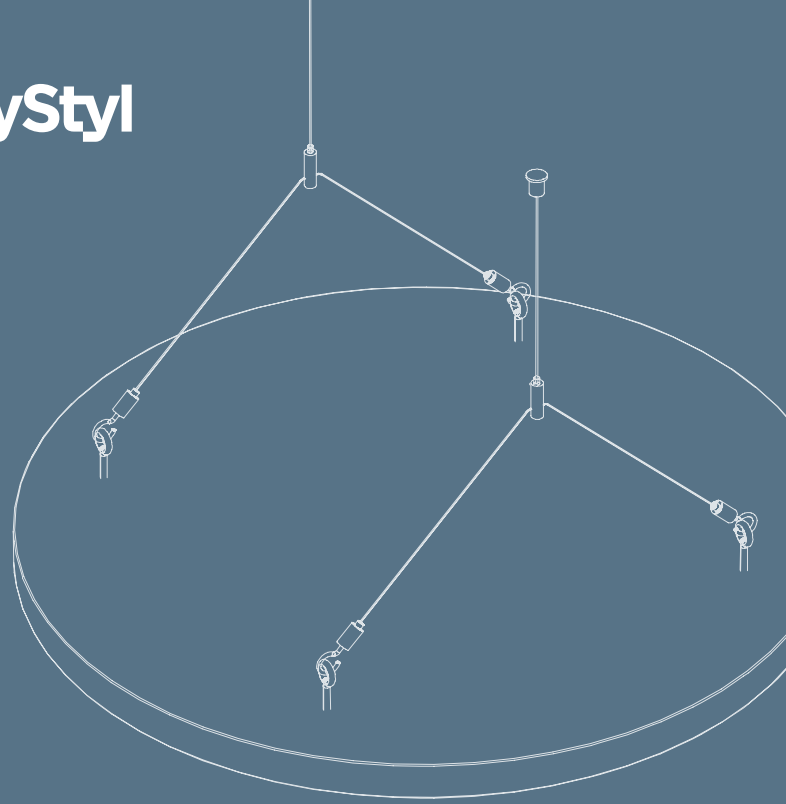
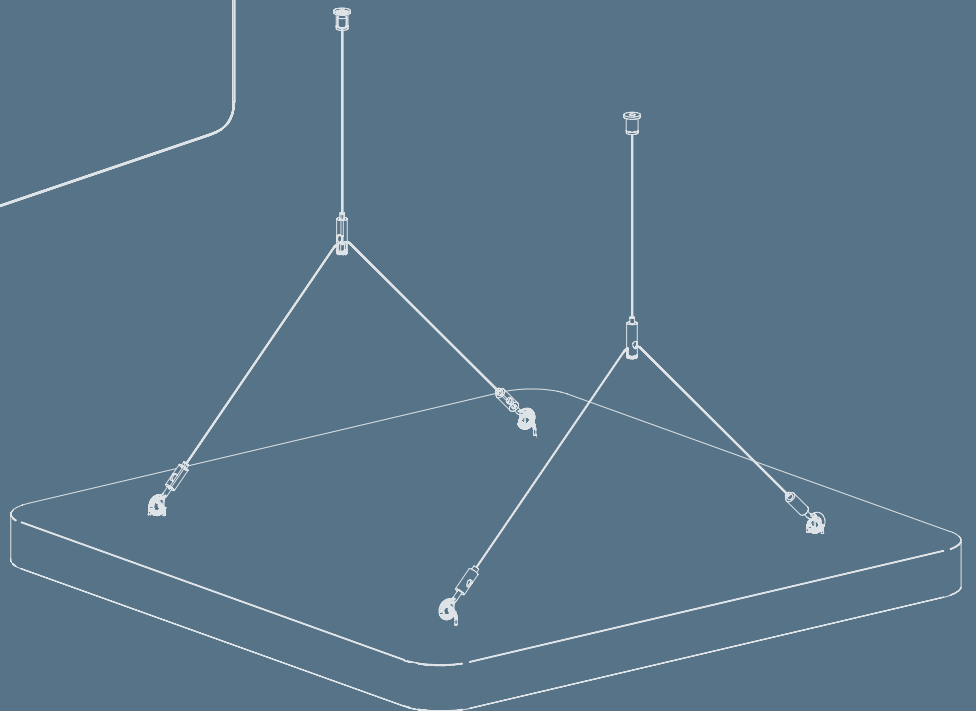
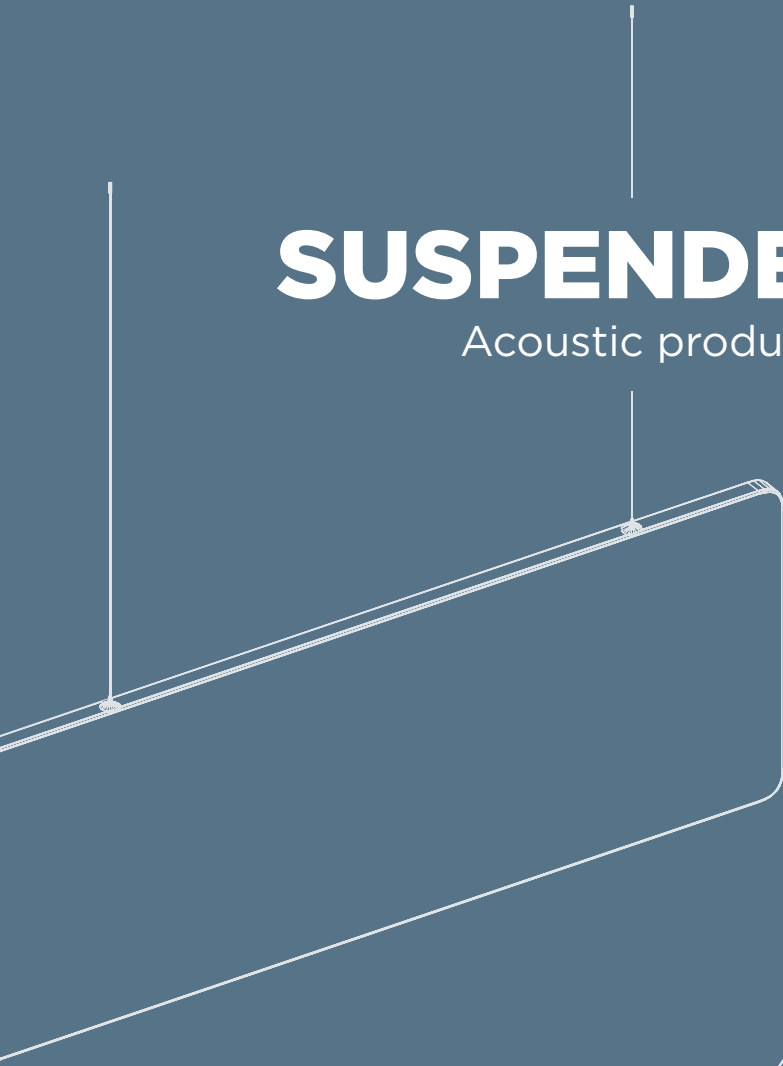


NowyStyl



# SUSPENDED PANELS

Acoustic products specification



Let's make your space together

**Content development:**

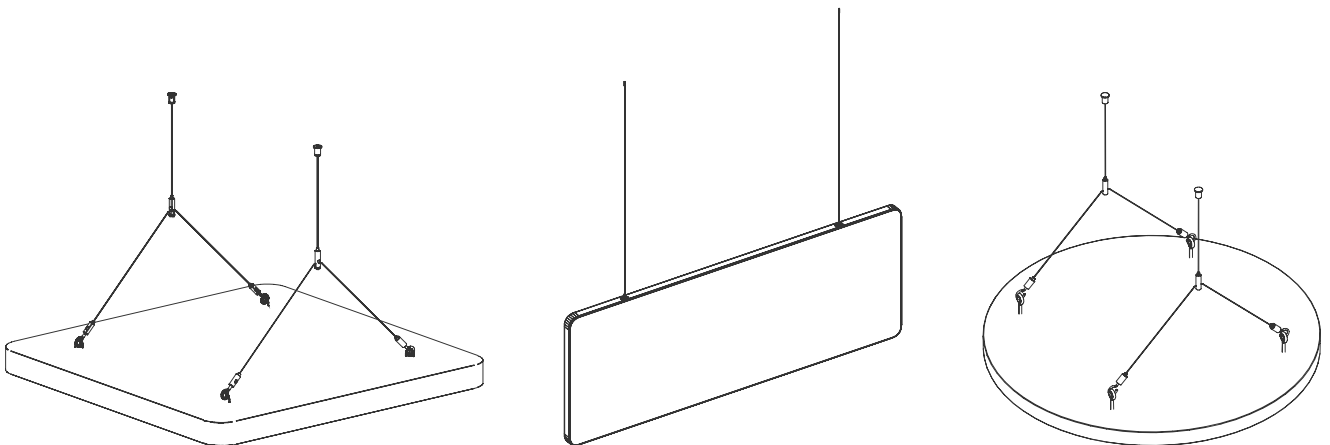
Anna Kanik  
Katarzyna Bereźnicka

**Graphic Design:**

Zuzanna Kierenkiewicz

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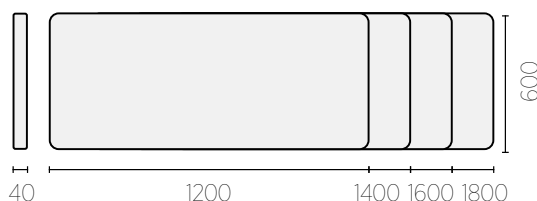


# Sileo ceiling suspended panel - vertical

## Acoustic product specification

Details:

dimensions [mm]	weight [kg/piece]
1200 × 600 × 40	3,0
1400 × 600 × 40	3,5
1600 × 600 × 40	3,9
1800 × 600 × 40	4,4



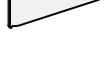


Fabrics: Step, Step Melange, Blazer, Synergy

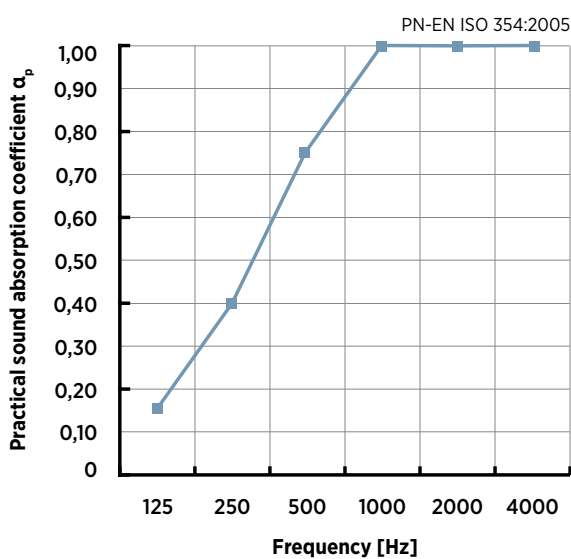
A set consists of: panel, set of silver steel lines with adjustable height – max 3000 mm (the set also includes the upper fitting designed to be assembled using wall plugs) and a manual.

Assembly: panels included in a set are joined together using sets of lines. Distance between panels is 150 mm. Upper panels should always be fixed to the ceiling slab; they should not be fixed to the suspended ceiling.

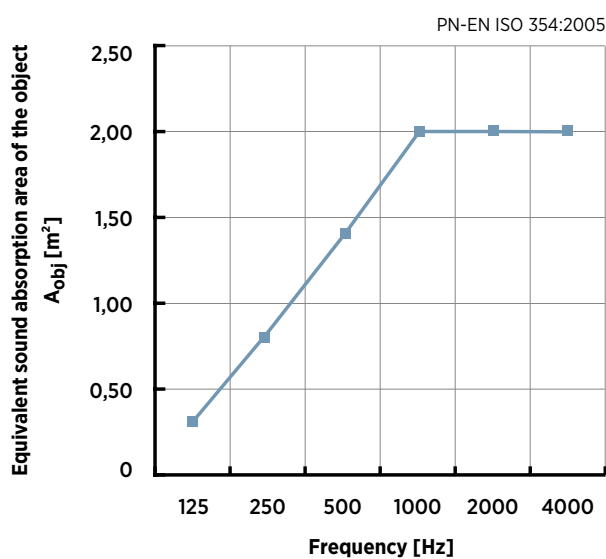
Construction: pressed polyester fibres with fabric cover.

panels set	number of panels in a set	total height
	1	600
	2	1350
	3	2100

Acoustic properties



Sileo suspended panel 1600x600 mm, 1000 mm o.d.s., vertical



Sileo suspended panel 1600x600 mm, 1000 mm o.d.s., vertical



Sound-absorbing ceiling suspended panels reduce the reverberation time and improve other acoustic parameters, i.e. reduce the noise level and increase intelligibility of speech. 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.

Vertical panels divide the office space into particular zones and can increase privacy in both acoustic and visual way.

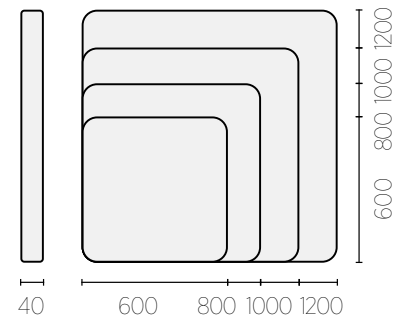
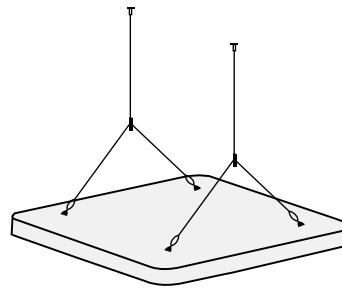
f[Hz]	Sound absorption coefficient $\alpha$						Sound absorption class
	125	250	500	1000	2000	4000	
$\alpha_p$	0,15	0,40	0,75	1,00	1,00	1,00	C
$\alpha_w$	0,70 (MH)						
Equivalent sound absorption area of the object $A_{obj}$ [m <sup>2</sup> ]							
f[Hz]	125	250	500	1000	2000	4000	
$A_{obj}$ [m <sup>2</sup> ]	0,30	0,80	1,40	2,00	2,00	2,00	

# Sileo ceiling suspended panel - square island

## Acoustic product specification

Details:

dimensions [mm]	weight [kg/piece]
600 × 600 × 40	1,6
800 × 800 × 40	2,2
1000 × 1000 × 40	3,0
1200 × 1200 × 40	4,0



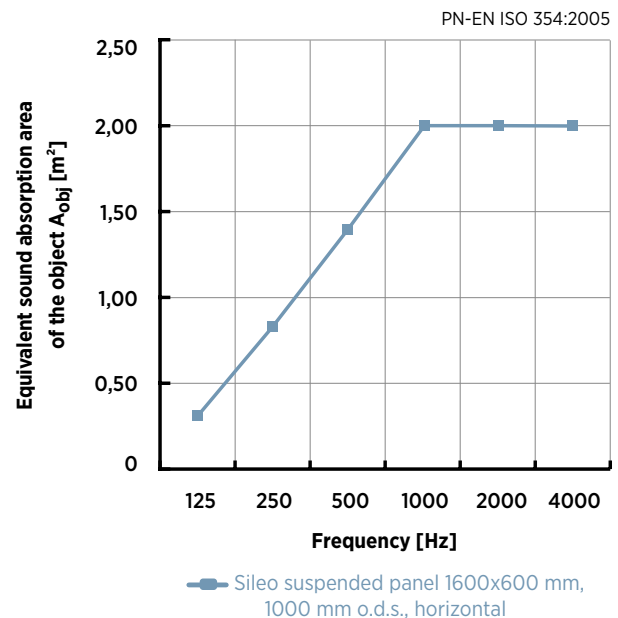
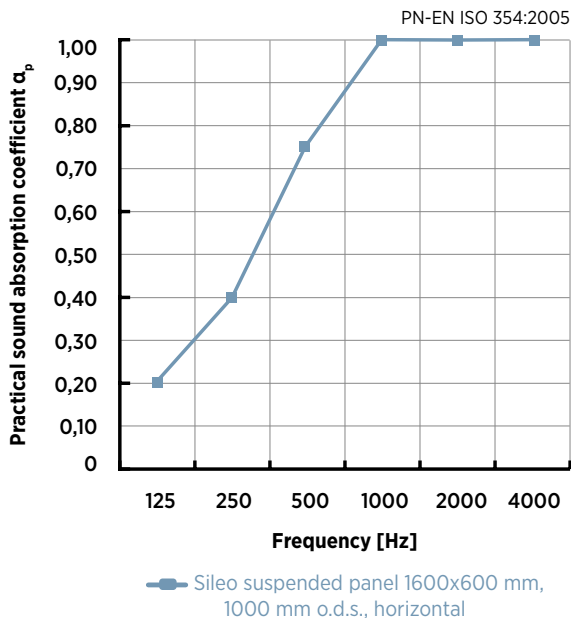
Fabrics: Step, Step Melange, Blazer, Synergy

A set consists of: panel, set of silver steel lines with adjustable height – max 3000 mm and a manual.

Assembly: Panels are assembled to ceiling with adjustable steel suspension lines (included).

Construction: pressed polyester fibres with fabric cover.

### Acoustic properties



Sound-absorbing ceiling suspended panels are alternative to suspended ceiling, they are reducing adverse reflection of sound from the upper surface. They reduce the reverberation time and improve other acoustic parameters, i.e. reduce the noise level and increase intelligibility of speech. 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	0,40	0,75	1,00	1,00	1,00	C
$\alpha_w$	0,70 (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> ]	0,30	0,80	1,40	2,00	2,00	2,00	

# Sileo S ceiling suspended panel - round island

## Acoustic product specification

Details:

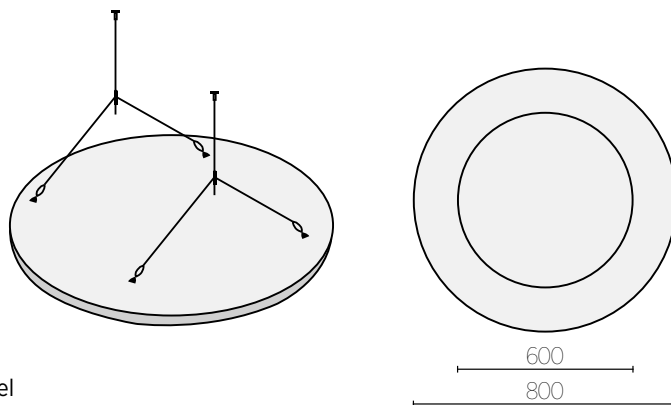
dimensions [mm]	weight [kg/piece]
Ø 600 × 30	1,65
Ø 800 × 30	2,78

Fabrics: Step, Step Melange, Blazer, Synergy

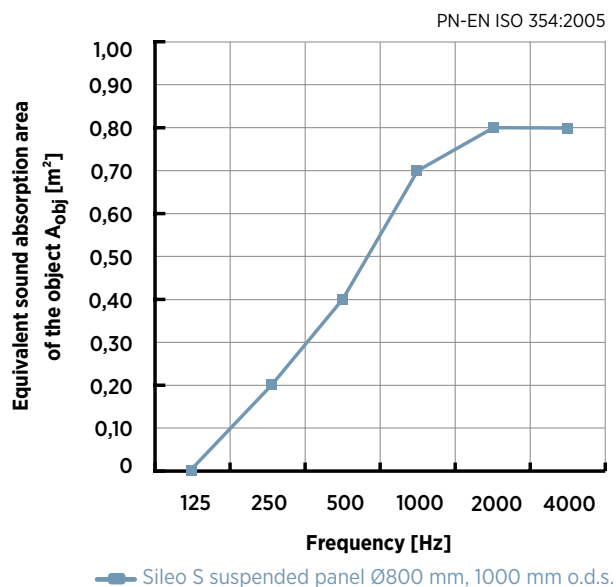
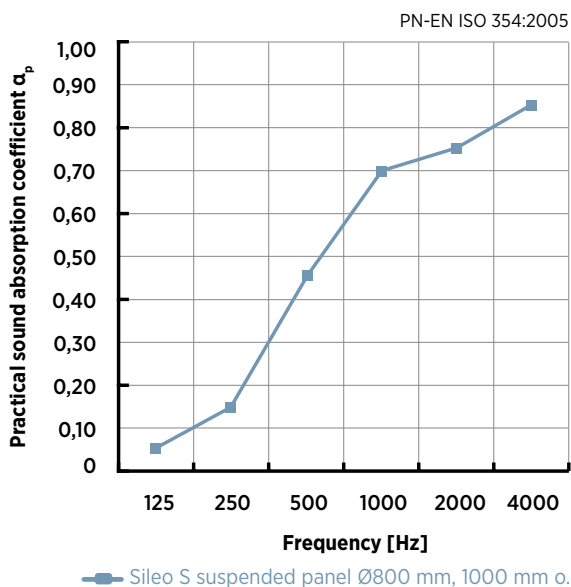
A set consists of: panel, set of silver steel lines with adjustable height - max 3000 mm and a manual.

Assembly: Panels are assembled to ceiling with adjustable steel suspension lines (included), maximum length 3000 mm.

Construction: structure is made of HDF board, thickness 6 mm, with production waste foam, with high acoustic properties and fabric cover.



## Acoustic properties



Sound-absorbing ceiling suspended panels are alternative to suspended ceiling, they are reducing adverse reflection of sound from the upper surface. They reduce the reverberation time and improve other acoustic parameters, i.e. reduce the noise level and increase intelligibility of speech. 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	
$\alpha_p$	0,05	0,15	0,45	0,70	0,75	0,85	D
$\alpha_w$	0,40 (MH)						
Equivalent sound absorption area of the object $A_{obj}$ [m²]							
f[Hz]	125	250	500	1000	2000	4000	
$A_{obj}$ [m²]	0,00	0,20	0,40	0,70	0,80	0,80	



