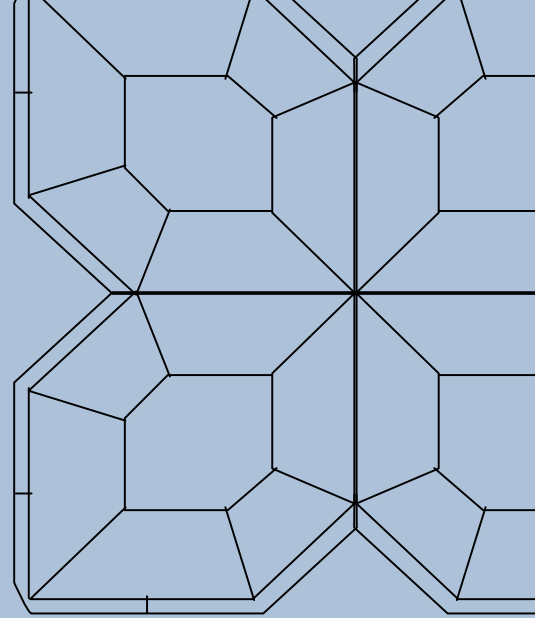
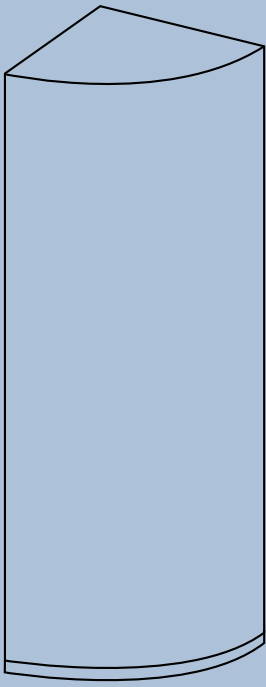
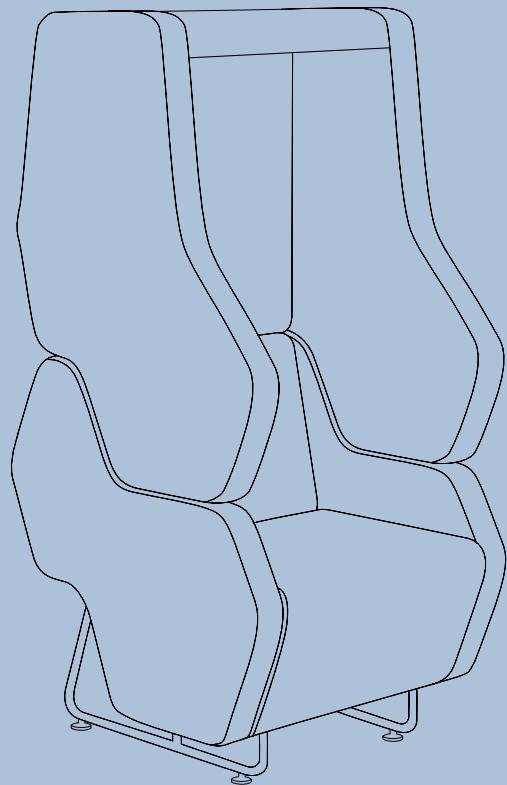
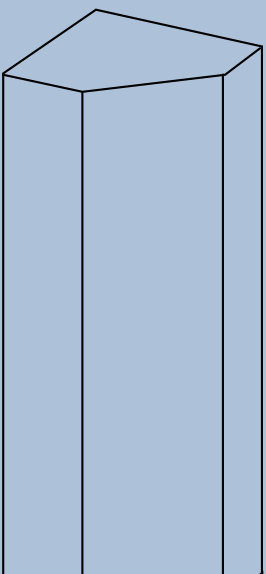


NowyStyl



OTHER PANELS & SOFT SEATING

Acoustic products specification



Let's make your space together

Content development:

Anna Kanik
Katarzyna Bereźnicka

Graphic Design:

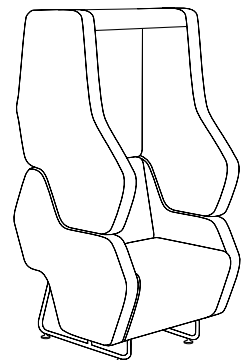
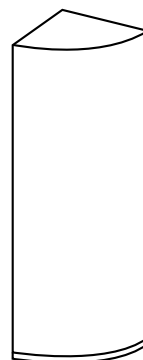
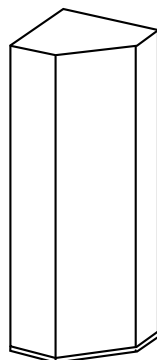
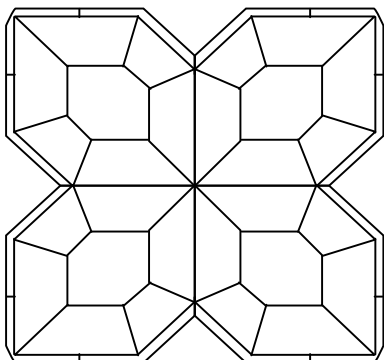
Zuzanna Kierenkiewicz

© Copyright 2024 Nowy Styl Sp. z o.o.

Publications of Nowy Styl Sp. z o.o. Brands and trademarks used herein are the property of NSG TM Sp. z o.o.

Table of Contents

| | |
|---|----|
| Sileo tower corner panel | 4 |
| Formo curtain | 5 |
| Sand pouffe | 6 |
| eModel desk panel | 7 |
| Levitate high bench | 8 |
| Play&Work - sitting pad with 2 backrest pads | 9 |
| Play&Work - 1.5-seater sofa with fixed writing tablet | 10 |
| SQart upholstered pad for cabinet back | 12 |
| SQart upholstered pad for mobile pedestal | 13 |
| Tapa pouffe | 14 |
| Dotto pouffe | 15 |
| LinkUp armchair | 16 |
| LinkUp chaise longue | 17 |
| Hexa modular seating system | 18 |
| Hexa phone booth | 20 |
| Creva Soft Seating | 21 |



Sileo tower corner panel

Acoustic product specification

Details:

| | height [mm] | weight [kg/piece] |
|----------------|-------------|-------------------|
| Sileo Tower T1 | 1400 | 16,3 |
| | 1600 | 18,3 |
| Sileo Tower T2 | 1400 | 11,3 |
| | 1600 | 12,7 |

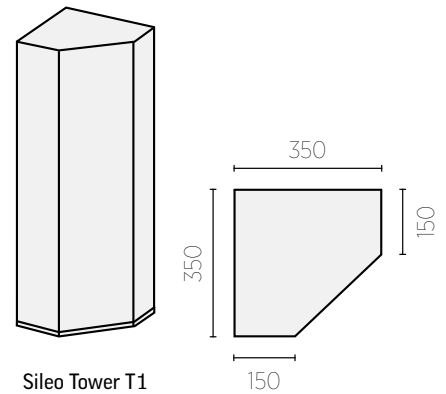
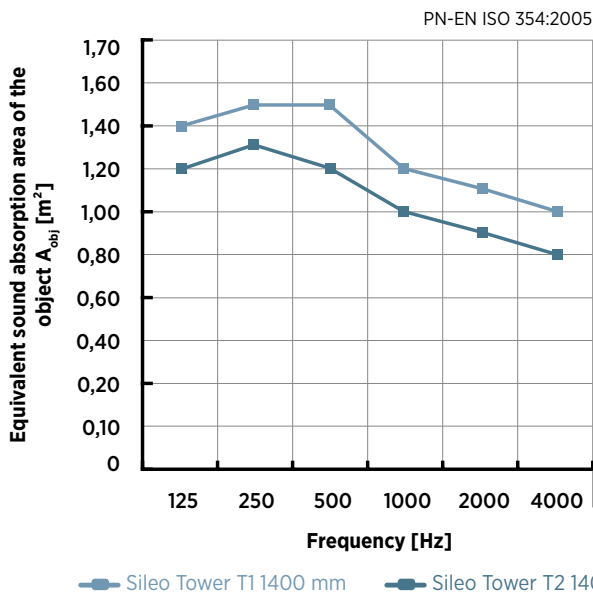
Fabrics: Step, Step Melange, Blazer, Synergy

Tower corner panel versions:

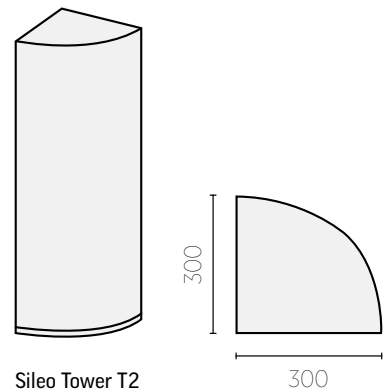
- tower T1 with base shape: irregular pentagon,
- tower T2 with base shape: ¼ circle.

Construction: base is made of melamine faced chipboard, thickness 25 mm in black colour only, sides made of chipboard with production waste foam inside, with high acoustic properties.

Acoustic properties



Sileo Tower T1



Sileo Tower T2



Towers can be used in places with no possibility of implementing other acoustic products, i.e. spaces with small cubature or rooms with glass walls. Product is effective in full frequency range, helpful especially in low frequency rumbling sounds, problematic for most other acoustic products.

Towers height is defined on the basis of acoustic research, and sufficient to absorb sound waves generated in the room while speaking in sitting or standing position.

| f[Hz] | Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | |
|----------------|--|-----|-----|------|------|------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| Sileo Tower T1 | 1,4 | 1,5 | 1,5 | 1,2 | 1,1 | 1,0 |
| Sileo Tower T2 | 1,2 | 1,3 | 1,2 | 1,0 | 0,9 | 0,8 |

Formo curtain

Acoustic product specification

Details:

| | dimensions [mm] | weight [kg/piece] |
|-------------------|-----------------------|-------------------|
| one module | 430 × 430 × 48 | 0,36 |

thickness 3 mm

Finish options:

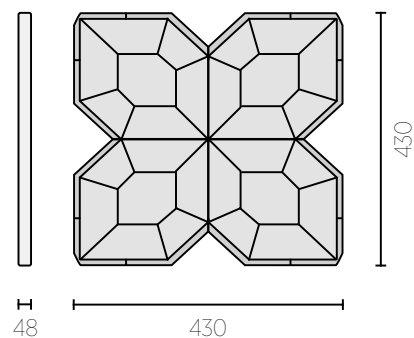
- thermoformed felt,
- thermoformed felt laminated with Hush fabric.

A set consists of:

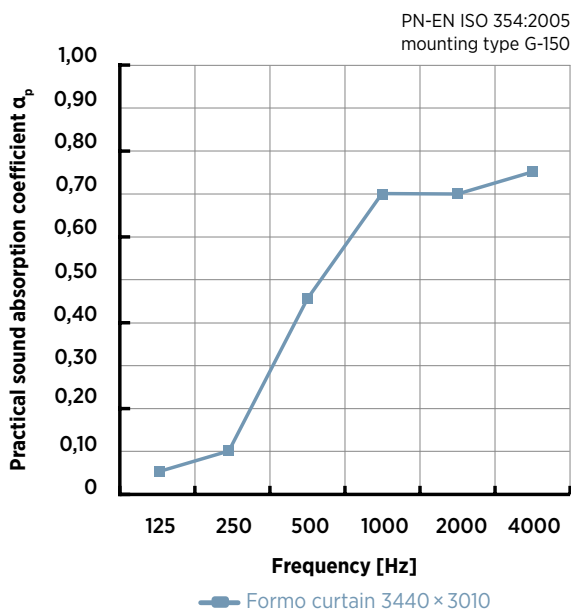
- 1 aluminium rail powder-coated in white colour, with steel suspension lines,
- ceiling connectors (for ceiling slabs and suspended ceilings),
- curtain modules with connectors, in defined quantity and finish.

Assembly: modules assembled on rails, suspended to the ceiling on lines.
Dedicated connectors for linking modules and rails. Connectors allow for linking rails (curtains) in arrangements at various angles. Details available in the price list.

Construction: thermoformed felt.



Acoustic properties



Formo curtains are decorative elements, functioning as informal space dividers. Sound-absorbing curtain 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.

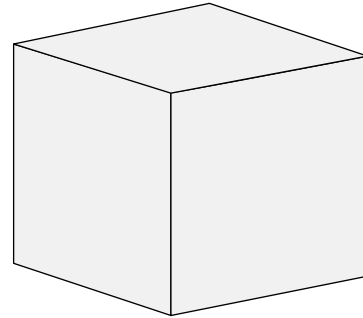
| f[Hz] | Sound absorption coefficient α | | | | | | Sound absorption class |
|------------|---------------------------------------|------|------|------|------|------|------------------------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| α_p | 0,05 | 0,10 | 0,45 | 0,70 | 0,70 | 0,75 | D |
| α_w | 0,40 (MH) | | | | | | |

Sand pouffe

Acoustic product specification

Details:

| dimensions [mm] |
|-------------------|
| 450 × 450 × 450 |
| 450 × 750 × 450 |
| 450 × 900 × 450 |
| 450 × 1120 × 450 |
| 450 × 1500 × 450 |
| 450 × 1650 × 450 |
| 900 × 1500 × 450 |
| 1050 × 1050 × 450 |



The pouffes are available as mobile versions (with castors) and stationary versions (with feet).

Fabrics: Rivet, Valencia, Silvertex, Step, Step Melange, Blazer, Synergy, Remix 3

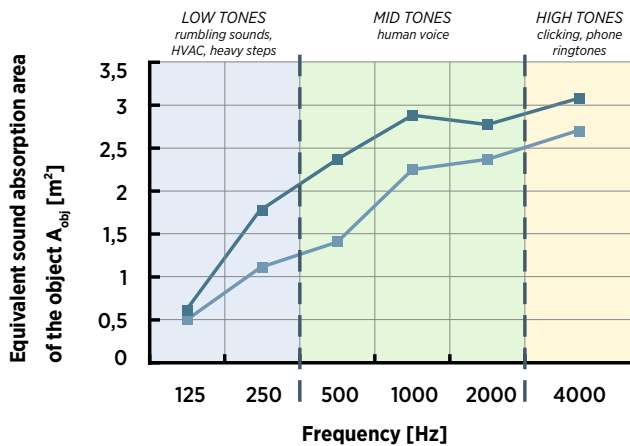
Construction: The pouffes are made of expanded polystyrene and a carcass made of 25 mm thick chipboard covered with foam and upholstery.

Acoustic properties



Equivalent sound absorption area of the object A_{obj} [m²]

PN-EN ISO 354:2005
mounting method: discrete sound absorbers



Equivalent sound absorption area of the object A_{obj} [m²] is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.

- Sand pouffe 1650x450x450
- Sand pouffe 1050x1050x450

| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| Sand pouffe 1650x450x450 | 0,5 | 1,1 | 1,9 | 2,3 | 2,4 | 2,7 |
| Sand pouffe 1050x1050x450 | 0,6 | 1,8 | 2,4 | 2,9 | 2,8 | 3,1 |

A test conducted for a product with a fabric of the price group 4. The use of other fabrics affects the differences in the sound absorption coefficient of the product. A significant reduction in absorbency will occur in the case of Silvertex fabric.

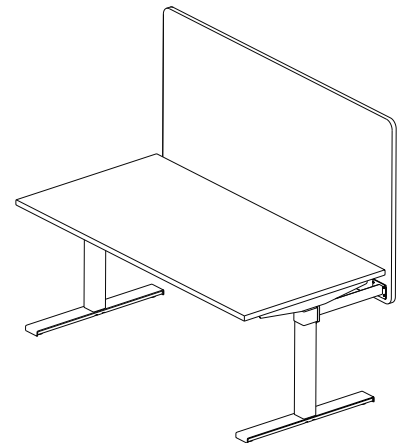
eModel desk panel

Acoustic product specification

Details:

| dimensions [mm] | weight [kg*] | |
|-----------------|------------------|----------------------|
| | with 700 mm desk | with 800/900 mm desk |
| 1200 × 890 × 32 | 9,3 | 13,1 |
| 1400 × 890 × 32 | 10,9 | 14,7 |
| 1600 × 890 × 32 | 12,4 | 16,2 |
| 1800 × 890 × 32 | 14,0 | 17,8 |
| 2000 × 890 × 32 | | 19,3 |

*one-sided assembly



Construction: structure made of wooden frame and soft fibreboard, covered with fabric cover, pinnable. Panel thickness 32 mm, height 890 mm, edges rounded at 40 mm radius. Assembly with metal brackets to desk legs. Simultaneous assembly of vertical wire trunking with magnet and one-piece panel is not possible. Bracket finish options - powder-coated in White aluminium, Jet black, Pure white or Slate grey colour. Panel types - one-side assembly (for single desk), two-sides assembly (for workbench).

Fabrics: Era, Lucia, Xtreme, Blazer, Synergy

Acoustic properties



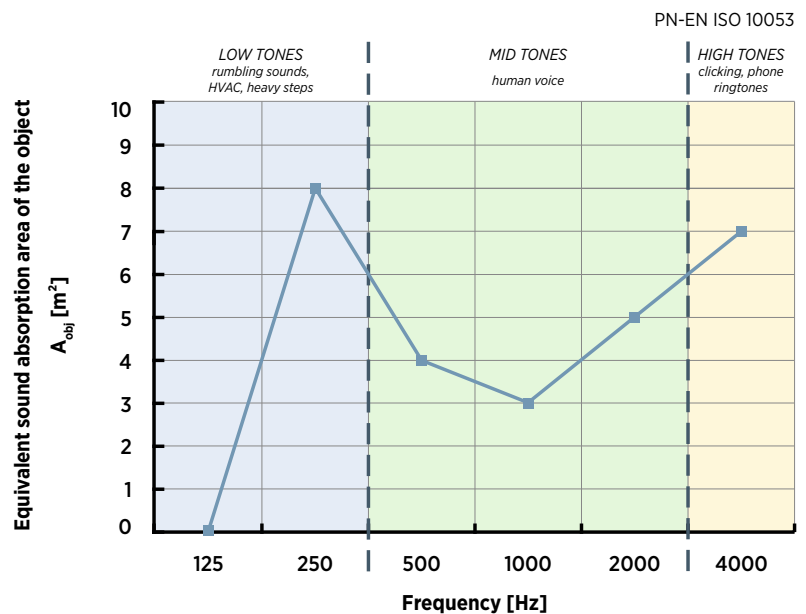
Screen sound attenuation ΔL_s [dB]

Product reduces sound level behind the screen.

Graph shows the difference in sound level with and without screen (measured under specific laboratory conditions).

In-situ screen efficiency depends i.e. on the ceiling and walls absorption.

— eModel desk panel



| Screen sound attenuation [dB] | | | | | | | | |
|-------------------------------|-----|-----|-----|------|------|------|--------------------|------------------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 | $\bar{\Delta L}_s$ | $\Delta L_{s,w}$ |
| eModel desk panel | 0 | 8 | 4 | 3 | 5 | 7 | 5 | 3 |

ΔL_s screen sound attenuation in frequency bands, PN-ISO 10053:2001

$\bar{\Delta L}_s$ average screen sound attenuation, annex B, PN-ISO 10053:2001

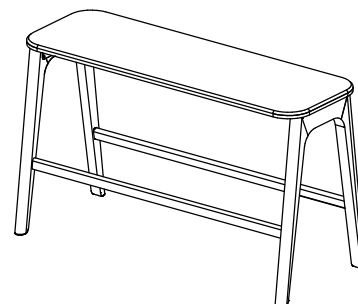
$\Delta L_{s,w}$ weighted screen sound attenuation, annex B, PN-SIO 10053:2001

Levitate high bench

Acoustic product specification

Details:

| height [mm] | weight [kg/piece] |
|------------------|-------------------|
| 1200 × 400 × 736 | 21,5 |

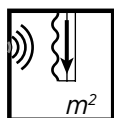


Construction: made of melamine faced chipboard (MFC), thickness 12 mm, with seat cushion made of plywood, thickness 10 mm covered with foam, thickness 30 mm
 A-legs - "A-shape" wooden legs tapering towards floor, made of solid wood. External part of leg profile is rounded.
 Frame - beam made of steel profile 35x45 mm.
 Foot bar - two beams made of half-oval steel profile 20x40 mm.
 Construction - with 8 mm distance between upholstered seat and legs.
 Glides - plastic glides for soft floors as standard or glides with felt for hard floors as an option. Fixed height 736 mm, leveling in range 10 mm.

Finish options: wooden legs - oak, beech, finished with transparent varnish (wood grains visible) beam, foot bar and bag holder power-coated in pure white, jet black, foot bar always matching beam colour.

Fabrics: Era, Xtreme, Blazer, Synergy

Acoustic properties



Equivalent sound absorption area of the object A_{obj} [m²]

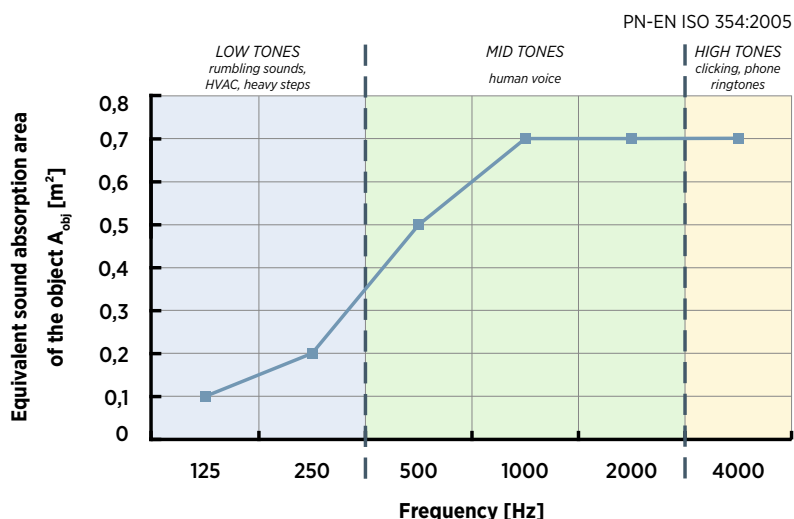
Equivalent sound absorption area of the object A_{obj} [m²]

is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.

— Levitate high bench



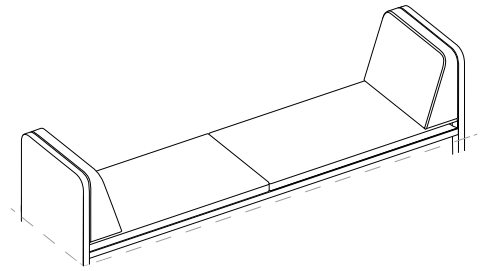
| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 0,1 | 0,2 | 0,5 | 0,7 | 0,7 | 0,7 |

Play&Work - sitting pad with 2 backrest pads

Acoustic product specification

Details:

| |
|------------------------|
| dimensions [mm] |
| 1540 × 440 × 40 |



Construction: Upholstered sitting pads – made of chipboard, thickness 12 mm covered with cut foam, thickness 27 mm. Total thickness 40 mm. Cabinet includes 2 sitting pads with velcro-tape fixing to cabinet top, width of each 774 mm.

Upholstered backrest pad – structure similar to the seat pad. Total height 270 mm. Cabinet can be equipped with 1 or 2 backrest pads with velcro-tape fixing to cabinet sides.

Fabrics: Rivet, Silvertex, Step, Step Melange, Blazer, Synergy, Remix 3

Acoustic properties



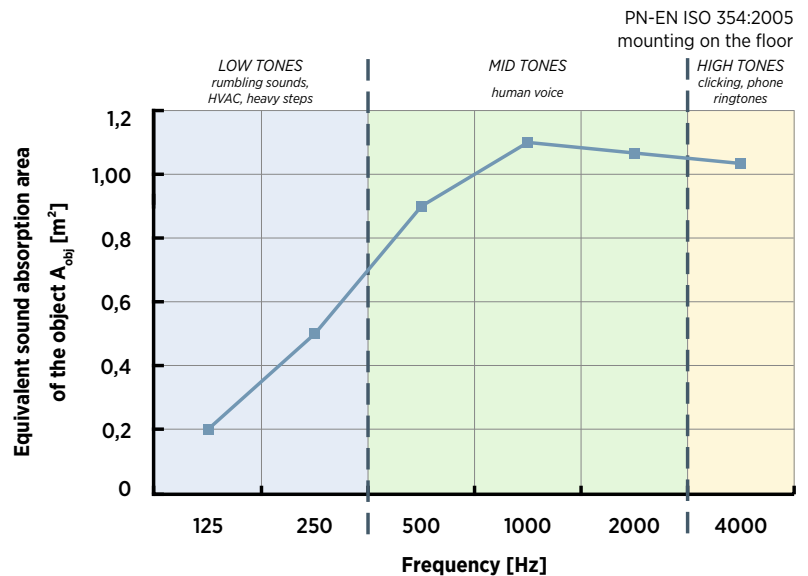
Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²] is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.

— Play&Work pad



| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 0,2 | 0,5 | 0,9 | 1,1 | 1,1 | 1,0 |

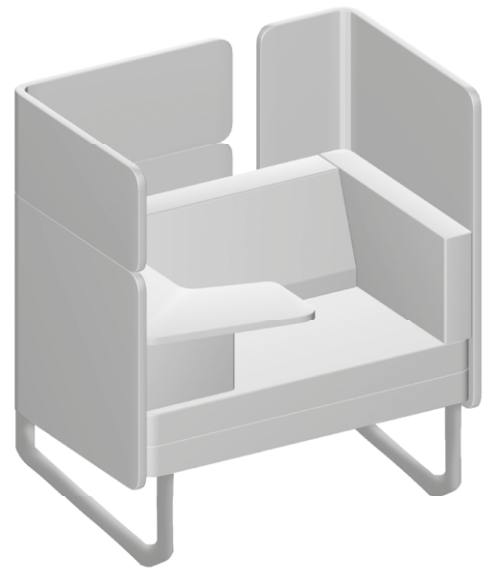
Play&Work - 1.5-seater sofa with fixed writing tablet

Acoustic product specification

Details:

| |
|-------------------------|
| dimensions [mm] |
| 785 × 1170 × 830 |

Construction: Writing tablet is made of melamine faced chipboard MFC (according to finishes), thickness 25 mm, fixed to sofa and not foldable, with storage for personal items under the tablet top. The front part of storage space is covered with upholstered foam. The writing tablet has 2 mm edge in glue technology defined as a standard for all melamine colours except for: NH Maple, NJ Acacia Light, NA Aragon Oak, MP Platinum, MB White Grey, BI White, which are defined in laser technology as a standard.



Panel configuration: high panel;
low panel with upholstered upper panel;
high panel with upholstered upper panel.

Base: U-legs – made of bent, steel tube, Ø 30 mm, with levelling glides, available as standard. Finish options: Jet black, White aluminium, Traffic white or “Fashion collection” colours. 4-legs wooden – made of solid wood, Ø 40 mm, available as an option. Finish options: natural beech, stained beech in white or black colour, natural oak.

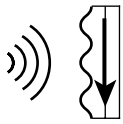
Fabrics: Felicity, Step, Step Melange, Blazer, Synergy

Right version



Left version

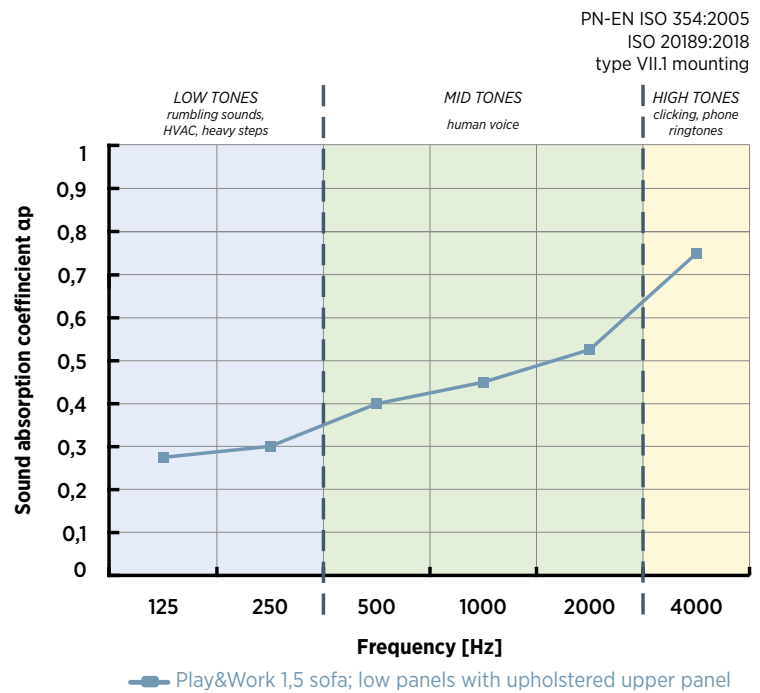
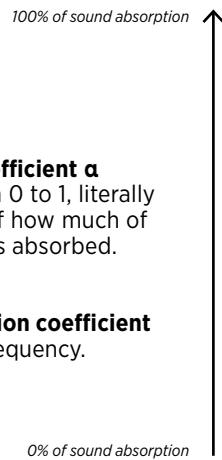




Sound absorption coefficient α

The absorption coefficient α of a material ranges from 0 to 1, literally showing a percentage of how much of the incoming sound is absorbed.

Practical sound absorption coefficient depends on the frequency.



PN-EN ISO 354:2005
ISO 20189:2018
type VII.1 mounting

| Sound absorption coefficient α | | | | | | |
|---------------------------------------|------|------|------|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| α_p | 0,28 | 0,30 | 0,39 | 0,44 | 0,53 | 0,75 |

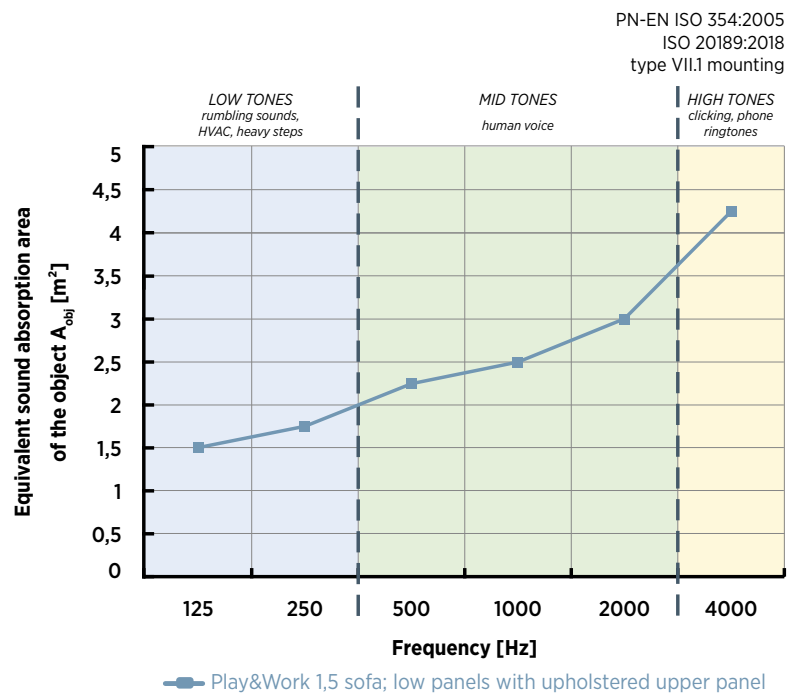


Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²] is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



PN-EN ISO 354:2005
ISO 20189:2018
type VII.1 mounting

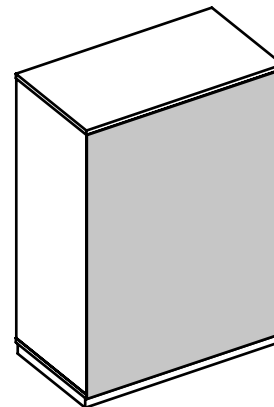
| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|------|------|------|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 1,50 | 1,70 | 2,20 | 2,50 | 3,00 | 4,30 |

SQart upholstered pad for cabinet back

Acoustic product specification

Details:

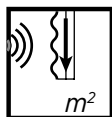
| height [OH] | widtg [mm] |
|-------------|------------|
| 300/40H/50H | 800 |
| 300/40H | 1000 |
| 300/40H | 1200 |
| 300/40H | 800 |



Construction: total thickness 56 mm, made of chipboard, thickness 18 mm and 8 mm with non-woven fabric (polyester) with soundabsorbing properties.

Fabrics: Blazer, Synergy

Acoustic properties

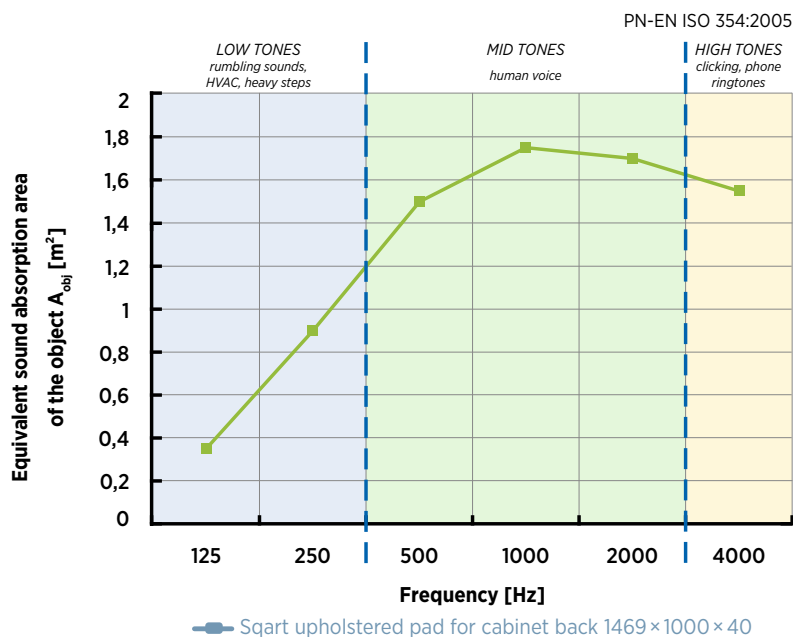


Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²]
is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



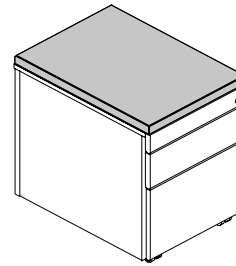
| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 1,1 | 1,8 | 1,9 | 1,8 | 1,8 | 1,8 |

SQart upholstered pad for mobile pedestal

Acoustic product specification

Details:

| dimensions [mm] | weight [kg/piece] |
|-----------------|-------------------|
| 600 × 432 × 35 | 3,1 |
| 800 × 432 × 35 | 2,4 |
| 600 × 332 × 35 | 2,1 |



Construction: upholstered pad for pedestal with velcro-tape fixing

Fabrics: Era, Lucia, Xtreme, Blazer, Synergy

Acoustic properties



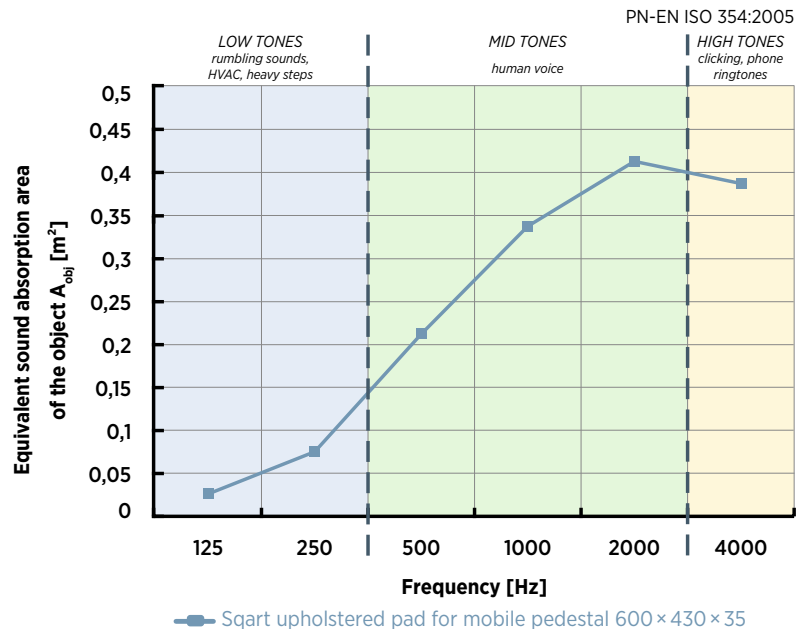
Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²]

is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



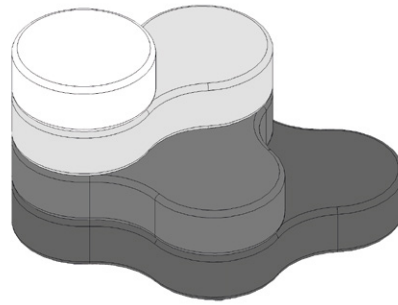
| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|------|------|------|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 0,03 | 0,08 | 0,21 | 0,34 | 0,41 | 0,39 |

Tapa pouffe

Acoustic product specification

Details:

| |
|-------------------------|
| dimensions [mm] |
| 800 × 1090 × 620 |



The line of Tapa pouffes has been designed to complement office spaces, reception areas and breakout zones. Their unique design adds an exceptional character to an interior, creating an attractive and comfortable informal meeting place. Product comes in several options and allows to create interesting architectural objects.

Construction: Carcass: birch plywood (30 mm) + metal rotational mechanisms;
 Glides: plastic, black colour;
 Filling: flame retardant polyurethane foam, styrofoam;
 The pouffe has its axis of rotation at the long side.

Fabrics: Rivet, Silververtex, Step, Step Melange, Blazer, Synergy, Remix 3

Acoustic properties

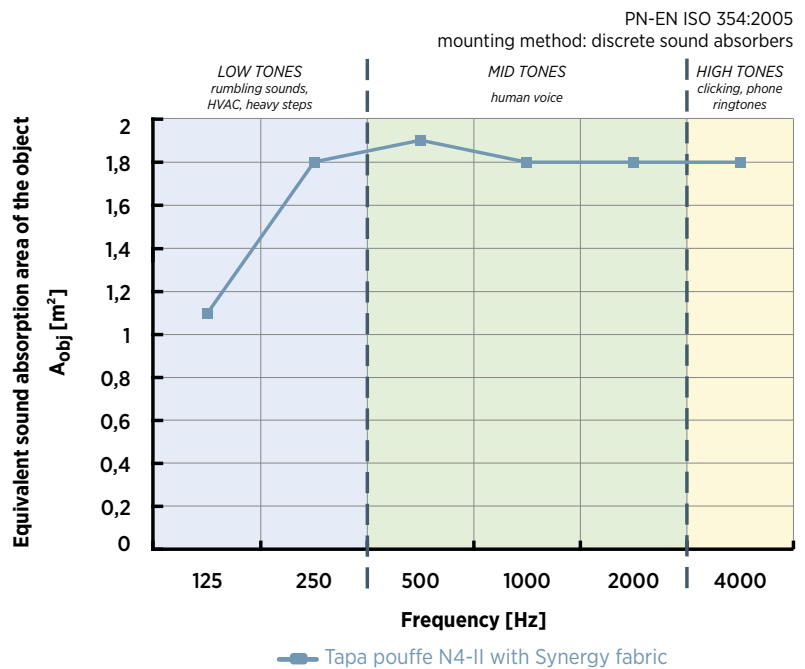


Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²]
 is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 1,1 | 1,8 | 1,9 | 1,8 | 1,8 | 1,8 |

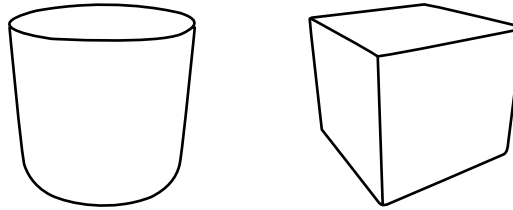
A test conducted for a product with a Synergy fabric. The use of fabrics from outside of the price group 4 affects the differences in the sound absorption coefficient of the product. A significant reduction in absorptency will occur in the case of Silververtex fabric.

Dotto pouffe

Acoustic product specification

Details:

| |
|------------------------|
| dimensions [mm] |
| Ø 420 × 420 |
| Ø 800 × 420 |
| 420 × 420 × 420 |



Dotto pouffes can be successfully used to complement informal meeting zones, reception areas and open space offices.

Construction: The structure of both models consists of expanded polystyrene and polyurethane foam. The optimally chosen foam density and the height of the pouffes ensure great comfort during use.

Fabrics: Era, Rivet, Valencia, Xtreme, Silvertex, Step, Step Melange, Blazer, Synergy, Remix 3

Acoustic properties

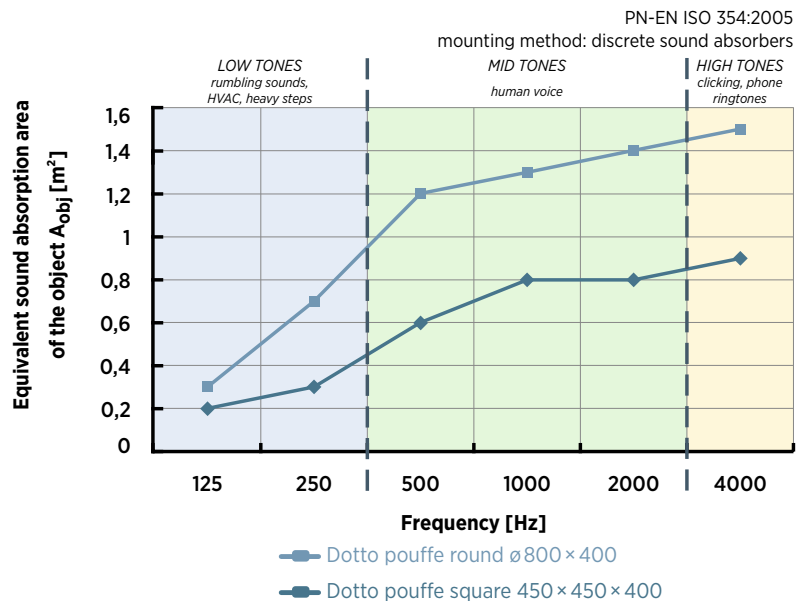


Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²] is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f [Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| Dotto pouffe square 450 × 450 × 400 | 0,2 | 0,3 | 0,6 | 0,8 | 0,8 | 0,9 |
| Dotto pouffe round Ø800 × 400 | 0,3 | 0,7 | 1,2 | 1,3 | 1,4 | 1,5 |

A test conducted for a system with a Synergy fabric. The use of fabrics from outside of the price group 4 affects the differences in the sound absorption coefficient of the product. A significant reduction in absorptency will occur in the case of Silvertex fabric.

LinkUp armchair

Acoustic product specification

Details:

| | dimensions [mm] |
|-----------------|-----------------|
| LinkUp armchair | 640 × 910 × 700 |

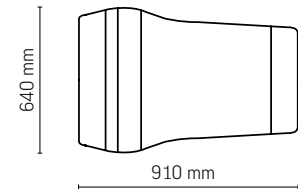
LinkUP line has been created to complement informal places in an office – the places where employees can relax and regenerate.

Construction: Product have a durable wooden structure. Carefully selected density and thickness of the foam provide comfort of use. The foam used in products from the LinkUP line is fire retardant. Model is equipped with black wooden glides.

Fabrics: Era, Blazer, Synergy



LinkUP armchair



Acoustic properties



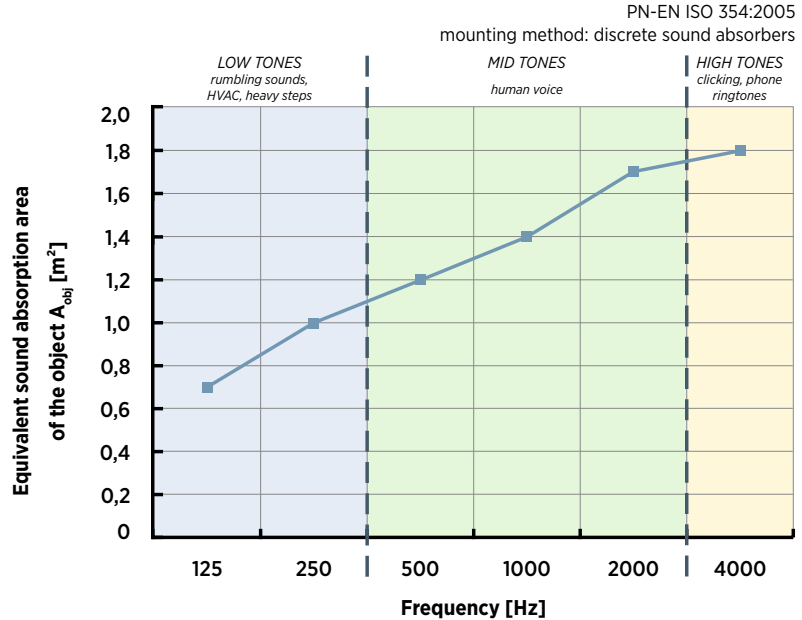
Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²]

is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



— LinkUp armchair 700 × 640 × 910

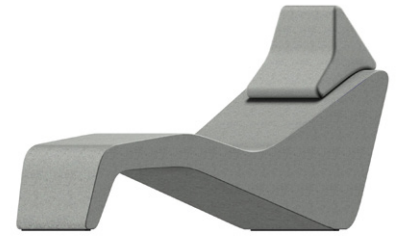
| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 0,7 | 1,0 | 1,2 | 1,4 | 1,7 | 1,8 |

LinkUp chaise longue

Acoustic product specification

Details:

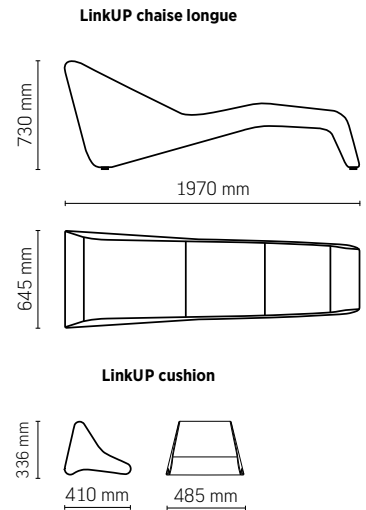
| | dimensions [mm] |
|-----------------------------|-------------------------|
| LinkUp chaise longue | 645 × 1970 × 730 |
| LinkUp cushion | 485 × 410 × 336 |



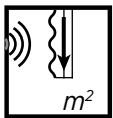
LinkUP line has been created to complement informal places in an office – the places where employees can relax and regenerate. The chaise longue can be equipped with a cushion that increases comfort of use. The cushion consists of foam and upholstery fabric.

Construction: Product have a durable wooden structure. Carefully selected density and thickness of the foam provide comfort of use. The foam used in products from the LinkUP line is fire retardant. Model is equipped with black wooden glides.

Fabrics: Era, Blazer, Synergy



Acoustic properties

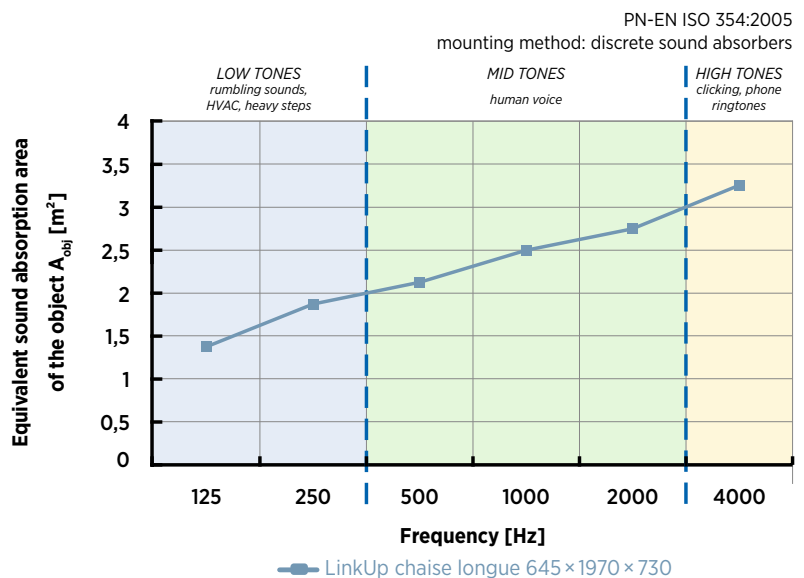


Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²] is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 1,4 | 1,9 | 2,1 | 2,5 | 2,8 | 3,2 |

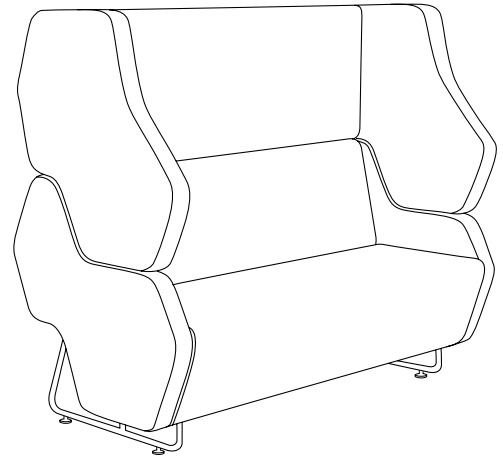
Hexa modular seating system

Acoustic product specification

Details:

The Hexa modular seating system can be used to create a unique system that will work in almost every kind of workspace, complementing the function and aesthetics of an interior. It helps create a hub which ensures a sound insulation when seated within a pod. This allows for private meetings and a better flow of information and exchange of ideas.

Construction: Hexa units have a durable solid wooden structure. Both the seat and backrest of the armchair are covered with a foam of appropriate density. The backrest is composed of profiled foam which offers high comfort seating by providing adequate support for the lumbar region of user's spine. The Hexa line also includes small tables: low (height 520 mm) and high (height 720 mm). Products from the Hexa range are available with elegant chromium plated adjustable (+/- 10 mm) glides (GCR) or glide in black (GBR) colour.



*Picture presents an example of module.
Check the price list to find different configurations.

Fabrics: Era, Xtreme, Step, Step Melange, Silvertex, Blazer, Synergy, Remix 3

Acoustic properties

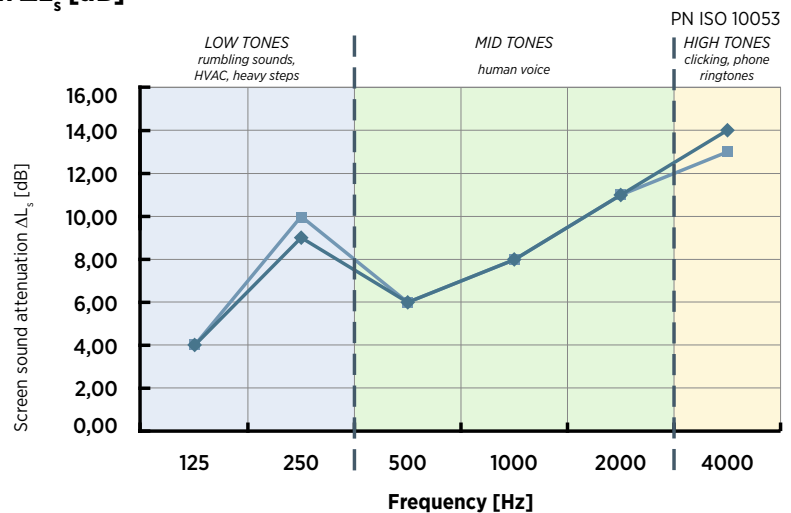


Screen sound attenuation ΔL_s [dB]

Product reduces sound level behind the screen.

Graph shows the difference in sound level with and without screen (measured under specific laboratory conditions).

In-situ screen efficiency depends i.e. on the ceiling and walls absorption.

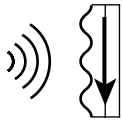


Measured system consisted of 1 x Hexa 22L, 2 x Hexa 220, 1 x Hexa 22R
total dimensions: 6200 x 806 x 1400

| Screen sound attenuation [dB] | | | | | | | $\bar{\Delta L}_s$ |
|-------------------------------|-----|-----|-----|------|------|------|--------------------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| ΔL_{s-1} | 4 | 9 | 6 | 8 | 11 | 14 | 9 |
| ΔL_{s-2} | 4 | 10 | 6 | 8 | 11 | 13 | 9 |

ΔL_s screen sound attenuation in frequency bands, PN-ISO 10053:2001

$\bar{\Delta L}_s$ average screen sound attenuation, annex B, PN-ISO 10053:2001

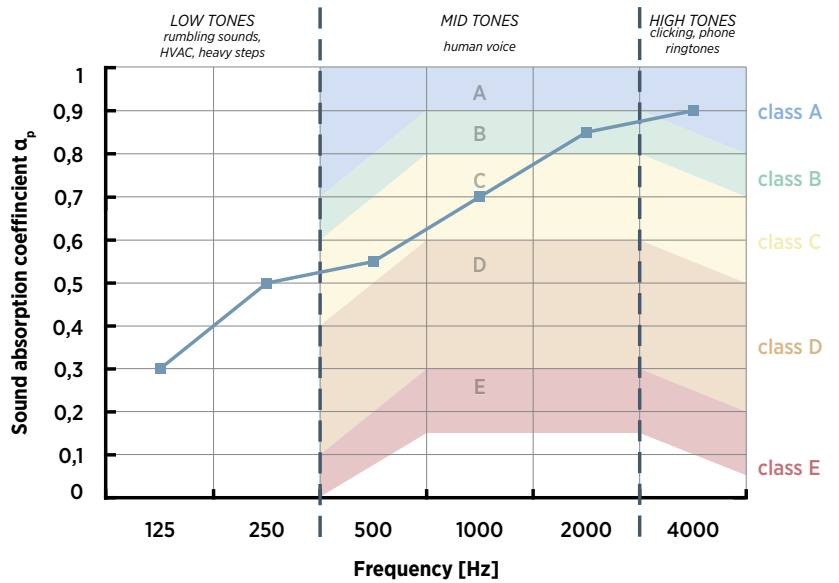
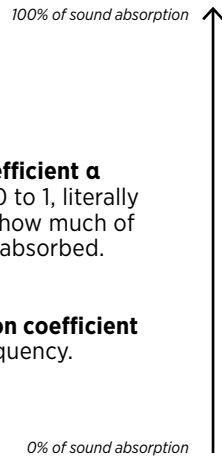


Sound absorption coefficient α

PN-EN ISO 354:2005
mounting method: on the floor

Sound absorption coefficient α
of a material ranges from 0 to 1, literally showing a percentage of how much of the incoming sound is absorbed.

Practical sound absorption coefficient
depends on the frequency.



Hexa modular seating system 3130 x 2320 x 1400

Measured system consisted of 1 x Hexa 22L, 2 x Hexa 220, 1 x Hexa 22R
total dimensions: 6200 x 806 x 1400

| Sound absorption coefficient | | | | | | | Sound absorption class |
|------------------------------|---------|------|------|------|------|------|------------------------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| α_p | 0,30 | 0,50 | 0,55 | 0,70 | 0,85 | 0,90 | C |
| α_w | 0,65(H) | | | | | | |



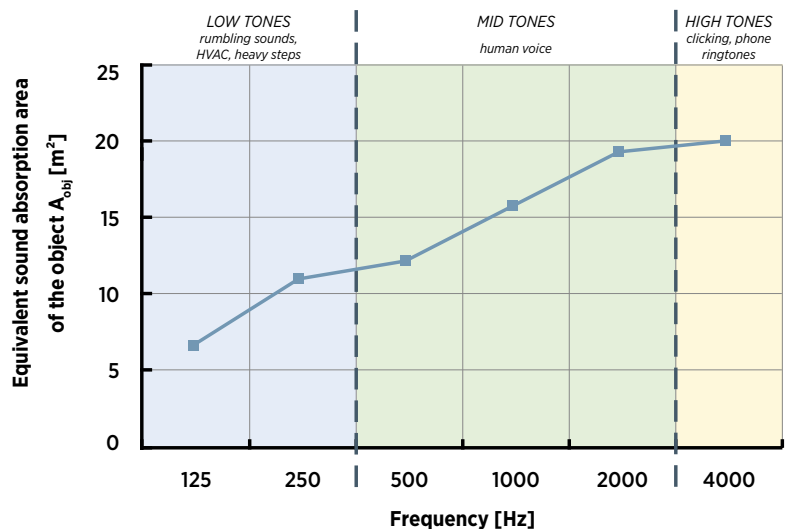
Equivalent sound absorption area of the object A_{obj} [m²]

PN-EN ISO 354:2005
mounting method: on the floor

Equivalent sound absorption area of the object A_{obj} [m²]
is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.



Hexa modular seating system 3130 x 2320 x 1400

Measured system consisted of 1 x Hexa 22L, 1 x Hexa 220, 2x Hexa 020, 1 x Hexa 22R

| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|------|------|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 6,6 | 11,6 | 12,8 | 16,2 | 19,0 | 20,0 |

A test conducted for a system with a Synergy fabric. The use of fabrics from outside of the price group 4 affects the differences in the sound absorption coefficient of the product. A significant reduction in absorbency will occur in the case of Silvertex fabric.

Hexa phone booth

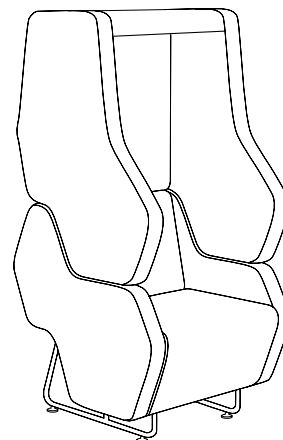
Acoustic product specification

Details:

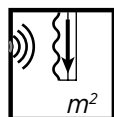
Hexa phone booth is the part of the Hexa modular seating system. It helps create a hub which ensures a sound insulation when seated within a pod.
 Dimensions: 770 × 810 mm
 Height: 1400 mm
 Seat height: 460 mm

Construction: One-seater module with high backrest and two armrests (free-standing). Based on a solid wooden structure. Legs made of circular tube available as a chromium plated model or powder-coated. Chromium or black plated adjustable glides (± 10 mm) as a standard feature.

Fabrics: Era, Xtreme, Step, Step Melange, Silvertex, Blazer, Synergy, Remix 3



Acoustic properties



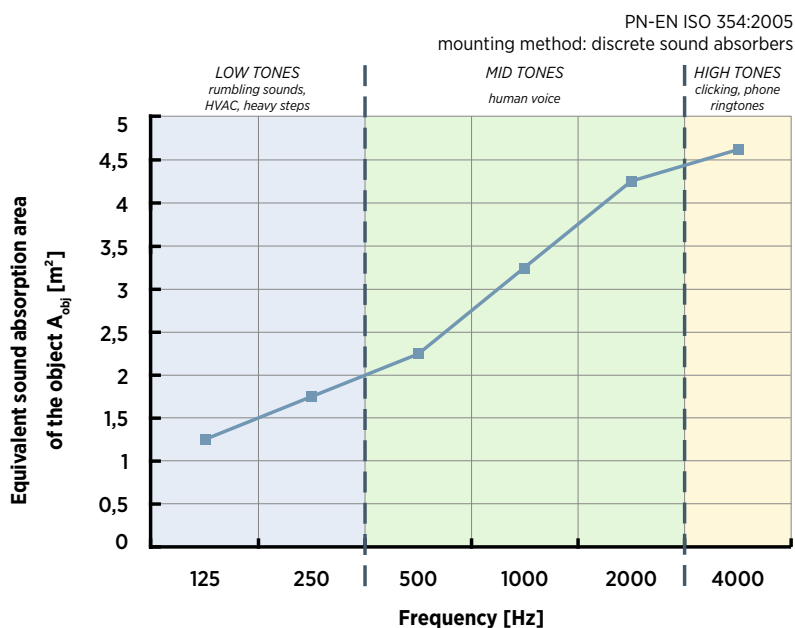
Equivalent sound absorption area of the object A_{obj} [m²]

Equivalent sound absorption area of the object A_{obj} [m²]
 is an imaginary surface with an absorption coefficient of 1.

The equivalent absorption surface is always given in m².

It shows the area of ideal absorptive surface that has equal absorption as the tested object.

— Hexa 122 (phone booth)



| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| A_{obj} [m ²] | 1,2 | 1,7 | 2,2 | 3,2 | 4,2 | 4,6 |

A test conducted for a product with a fabric of the price group 4. The use of other fabrics affects the differences in the sound absorption coefficient of the product.

Creva Soft Seating

Acoustic product specification

Details:

| | dimensions [mm] | weight [kg/piece] |
|---------------------------------------|---------------------------|-------------------|
| Creva Sofa 1U with high panels | 776 × 763 × 1387 | 60,3 |
| Creva Sofa 2U with high panels | 1506 × 763 × 1387 | 81,7 |
| Creva Sofa 3U with high panels | 2236 × 763 × 1387 | 104,0 |
| Creva American Dinner 4U HIGH | 2236 × 1506 × 1387 | 187,3 |

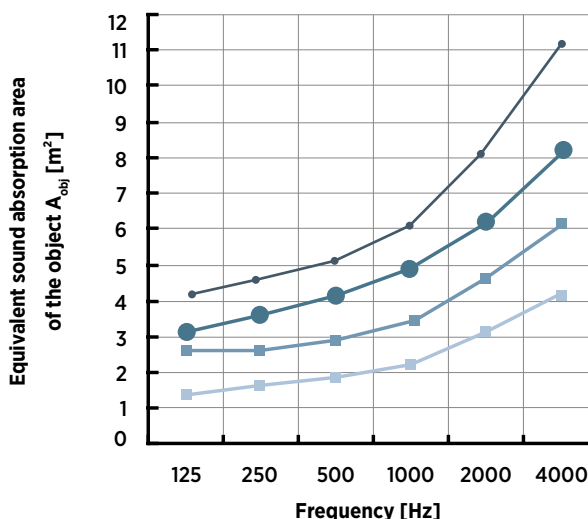
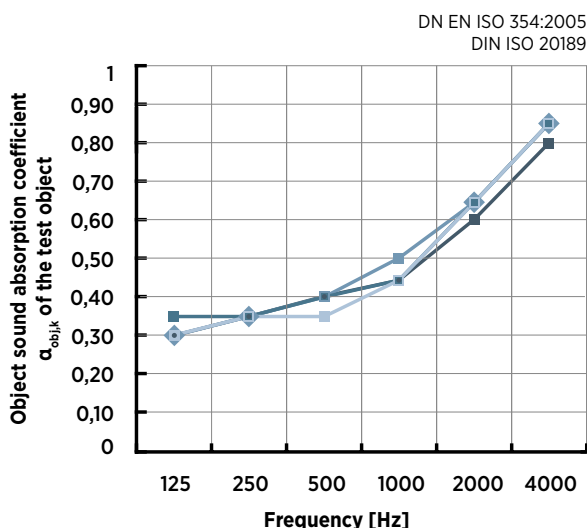


Fabrics: Cura, Valencia, Xtreme, Main Line Flax, Silvertex, Step/Step Melange, Blazer, skai Parotega, Synergy, Harper, Remix 3, Nappa leather (not available for high panels in American Diner)

Construction: Seat, low or high panels and cushions – upholstered, flame retardant foam. Cushions connecting to panels with Velcro type fixing. Base – powder-coated metal legs as standard or solid wood as an option, plastic glides in black colour.

Acoustic properties

DN EN ISO 354:2005
DIN ISO 20189



■ Creva Sofa 1U with high panels ● Creva Sofa 3U with high panels
▲ Creva Sofa 2U with high panels ◆ Creva American Dinner 4U HIGH

Upholstery of the tested product: Synergy

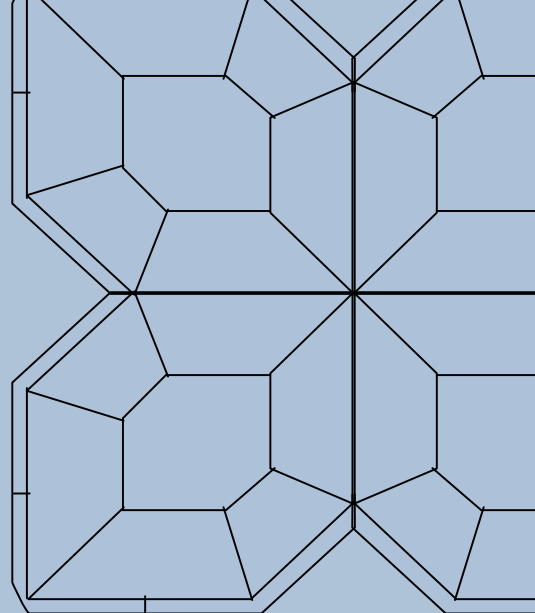
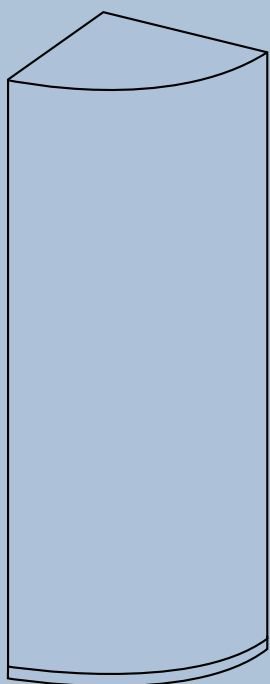
* Changing the upholstery will affect the acoustic properties of the product.

| Object sound absorption coefficient $\alpha_{obj,k}$ of the test object | | | | | | |
|---|------|------|------|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| Creva Sofa 1U with high panels | 0,30 | 0,35 | 0,35 | 0,45 | 0,65 | 0,85 |
| Creva Sofa 2U with high panels | 0,35 | 0,35 | 0,40 | 0,45 | 0,65 | 0,85 |
| Creva Sofa 3U with high panels | 0,30 | 0,35 | 0,40 | 0,50 | 0,65 | 0,85 |
| Creva American Dinner 4U HIGH | 0,30 | 0,35 | 0,40 | 0,45 | 0,60 | 0,80 |

| Equivalent sound absorption area of the object A_{obj} [m ²] | | | | | | |
|--|-----|-----|-----|------|------|------|
| f[Hz] | 125 | 250 | 500 | 1000 | 2000 | 4000 |
| Creva Sofa 1U with high panels | 1,4 | 1,6 | 1,8 | 2,2 | 3,1 | 4,1 |
| Creva Sofa 2U with high panels | 2,6 | 2,6 | 2,9 | 3,4 | 4,7 | 6,2 |
| Creva Sofa 3U with high panels | 3,1 | 3,6 | 4,2 | 4,8 | 6,3 | 8,3 |
| Creva American Dinner 4U HIGH | 4,2 | 4,6 | 5,2 | 6,1 | 8,1 | 11,2 |



Creva sofa with high panels creates space isolated in both acoustical and visual way. Product absorbs sound in wide frequency range, mostly medium and high frequencies, so it will mostly affect human speech, clicking, tapping, phone ringtones sounds etc.



Let's make your space together

