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SOUND INSULATION

WALL & CEILING
- ZIPS-VECTOR
- ZIPS-MODUL
- ZIPS-III ULTRA
- ZIPS-CINEMA
- ZIPS-4
- ZIPS-SLIM
- ZIPS-STS

CLADDINGS & PARTITIONS
- ZIPS-dB
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FLOATING FLOORS
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- ULTRAKUSTIK FLOOR 100 HYDRO
- ULTRAKUSTIK FLOOR PLAST

ACCESSORIES
- ULTRAKUSTIK-TAPE M100/M150
- ULTRAKUSTIK-VS
- ULTRAKUSTIK-BOX
- ULTRAKUSTIK-CONNECT

data sheet

ZIPS-VECTOR

Basic level soundproofing panel system

The panel system for sound insulation of basic level ZIPS-Vector is an effective solution is an effective solution for the additional sound insulation of existing walls. In allows to solve the sound insulation problems of everyday noise - speech, barking dogs, low intensity sound from radio/TV, etc. (the effective range of the system starts from 125 Hz).

Total thickness of the system together with finishing gypsum plasterboard layer is only 53 mm.

COMPOUND

Panel sound insulating system ZIPS-Vector consists of a 40 mm thick sandwich-panel and a special 12.5 mm thick finishing gypsum plasterboard. Sandwich-panel of Vector model is a combination of a GFB layer and a glass staple fiber. Every sandwich-panel has eight vibration-insulating fastening joints, used for installation on the walls or to the ceiling.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 40 mm
- system thickness: 53 mm
- panel weight: 19,5 kg

MOUNTING

ZIPS-Vector panel system should be mounted strictly according to the installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

The surface density of the ZIPS-Vector system	38 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise

Additional airborne sound insulation index, ΔR_w	12-14 dB

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ZIPS-MODUL

advanced level soundproofing panel system

Sound insulating panel system of basic level ZIPS-Modul is an effective solution for the additional sound insulation of existing walls and ceiling slabs. This system allows to solve the most of the tasks for sound insulation improvement both in living accommodations and public rooms with medium-intensity sound level (working range of the system starts from 100 Hz).

ZIPS system is used in construction and reconstruction of buildings to improve the sound insulation of single-layer building structures: gypsum, brick and concrete walls, partitions and armored concrete ceiling slabs. It is used for additional acoustic insulation of existing walls and ceiling slabs in flats and cottages, offices, restaurants and cafes with background music, shops etc.

COMPOUND

Sound insulating panel system ZIPS-Modul consists of 70 mm thick sandwich-panel and a special 12.5 mm thick finishing gypsum plasterboard. The sandwich-panel of Modul model is a combination of a GFB layer and mineral fiber. Every sandwich-panel has eight vibration-insulating fastening joints by which it is being installed on walls or ceiling slabs.

Total thickness of the system with finishing gypsum plasterboard layer is 83 mm.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 70 mm
- system thickness: 83 mm
- panel weight: 20,5 kg

MOUNTING

ZIPS-Modul panel system should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

The surface density of the ZIPS-Modul system	39 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise

Index of additional airborne noise soundproofing, ΔR_w	16-18 dB

ZIPS-III ULTRA

3rd generation frameless soundproofing system

The most efficient design in terms of "thickness/result" ratio for additional sound insulation of walls and ceilings.

The system for additional sound insulation of walls and slabs. Efficiently prevents most of house noises: talks, cry,barking dogs, medium intensive TV or radio equipment, domestic impact noise. Working range of the system starts from 100 Hz.

COMPOUND

Panel sound insulating system ZIPS-III Ultra consists a of 42.5 mm thick sandwich-panels and a special 12.5 mm thick finishing gypsum plasterboard. The sandwich-panel of Ultra model is a combination of a GFB layer and glass-fiber board. Eight special vibration dampers made of Sylomer® are used in the construction of the panel in the connection joints for the wall or for the ceiling. In a free state these dampers protrude above the sandwich-panel surface by more than 10 mm, but during the installation they are being pressed so, that the total thickness of the system together with finishing gypsum plasterboard layer is only 55 mm. Every sandwich-panel has eight vibration-insulating fastening joints, used for installation on walls or to the ceiling.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 42,5 mm
- system thickness: 55 mm
- panel weight: 20 kg

MOUNTING

ZIPS-III Ultra panel system should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

The surface density of the ZIPS-III Ultra system	38 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirements for goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise

Index of additional airborne noise soundproofing, ΔR_w	16-18 dB

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ZIPS-CINEMA

high level soundproofing panel system

The panel system for sound insulation of high level ZIPS-Cinema - is an effective solution for the additional sound insulation of existing walls and ceiling slabs. It allows to achieve the normative values for sound insulation in public places with airborne noise of high intensity such as: concert halls, night clubs etc.

The effective range of the system starts from 80 Hz.

COMPOUND

Sound insulating panel system ZIPS-Cinema consists of a 120 mm thick sandwich-panel and a special 12.5 mm thick finishing gypsum plasterboard. The sandwich-panel of Cinema model is a combination of a GFB layer and mineral fiber. Every sandwich-panel has eight vibration-insulating fastening joints, used for installation on the walls or to the ceiling. Total thickness of the system with finishing gypsum plasterboard layer is 133 mm.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 120 mm
- system thickness: 133 mm
- panel weight: 21 kg

INSTALLATION

ZIPS-Cinema panel system should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

The surface density of the ZIPS-Cinema system	41 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise

Index of additional airborne noise soundproofing, ΔR_w	19-21 dB

ZIPS-4

soundproofing panel system with surface leveling function

ZIPS-4 soundproofing panel system with surface leveling system used in construction and reconstruction of buildings of any type to increase sound insulation of single-layer structures, such as: gypsum, brick and concrete walls, partitions, as well as reinforced concrete floor slabs. Предлагаю переделать на «ZIPS-4 system can be used on extremely uneven surfaces up to 50mm».

COMPOUND

ZIPS-4® soundproofing panel system consists of a 42.5 mm thick sandwich panels and a special 12.5 mm thick finishing gypsum plasterboard. The sandwich-panel represents a combination of a 20 mm tongue-and-groove waterproof plasterboard layer and a 20 mm fiberglass slab. To lean against the wall or floor slab, the structure uses eight special vibration dampers made of Sylomer®.
To lean against the wall or floor slab, the ZIPS-4 panel uses six special vibration dampers made of Sylomer®, via which the panel clearance can be adjusted up to 20 mm and up to 50 mm using additional ST-elements.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 42,5 mm
- system thickness: 55 mm
- panel weight: 20,5 kg

INSTALLATION

ZIPS-4 panel system should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

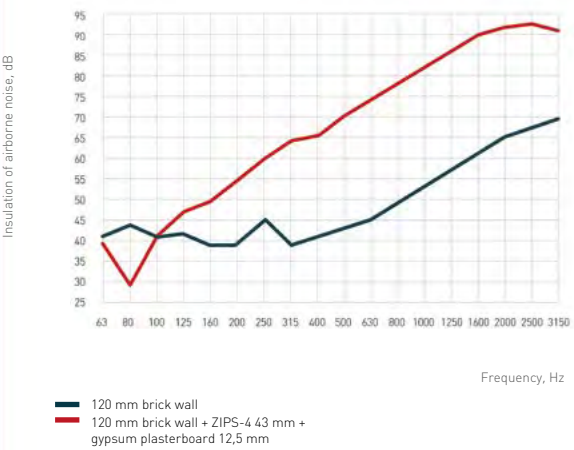
The surface density of the ZIPS-4 system	39 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise



Index of additional airborne noise soundproofing, ΔR_w	16-19 dB

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ZIPS-SLIM

ultra-thin frameless sound insulation for aerated concrete walls

ZIPS-SLIM is an ultra-thin system for the additional sound insulation of internal apartment walls made of autoclaved aerated concrete (AAC) blocks and gas concrete (GC) blocks, as well as of tongue-and-groove boards.

The system is designed for residential premises where it is important to save each centimeter of usable space.

With a total thickness of only 37.5 mm (1.5 in), the system significantly improves initial sound insulation of internal AAC apartment walls with a thickness of 200 mm (8 in), allowing to meet the standard requirements and even more.

ZIPS-SLIM is effective against most medium-intensity household noises typical of apartment buildings: neighbors' conversations, baby crying, dog barking, noise from household appliances and TV.

COMPOUND

ZIPS-SLIM sound-insulating panel system consists of a 25 mm (1 in) thick ZIPS Slim sandwich panel and a special 12.5 mm (0.5 in) thick finishing gypsum board.

ZIPS-SLIM sandwich panel is a combination of a 20 mm tongue-and-groove gypsum fiber board and a 4 mm elastic multilayer glass felt.

Each sandwich panel has eight VIBRID vibration insulating joints of the new generation with supports made of Sylomer® elastomer to mount the system onto a wall.

VIBRID is a hybrid combination of two types of vibration insulating materials: polyurethane sleeve and vibroacoustic silicone Vibrosil sealant.

All necessary fasteners are included in the sandwich panel complete set.

PHYSICAL CHARACTERISTICS

ZIPS-SLIM panel work size: 1,200 x 600 mm (47 x 24 in)

ZIPS-SLIM panel thickness: 25 mm (1 in)

ZIPS-SLIM system thickness:

37.5 mm ZIPS-SLIM panel weight: 19.5 kg (43 lbs.)

Surface density of the system: 36.5 kg/m2 (7.5 lb.ft2)

PACKAGING AND STORAGE

The panels should be stored in dry enclosed premises away from any precipitation and groundwater. The panels should be laid horizontally on wooden pallets, boards, or other lining materials to avoid the sagging of the boards.

ECO-FRIENDLY

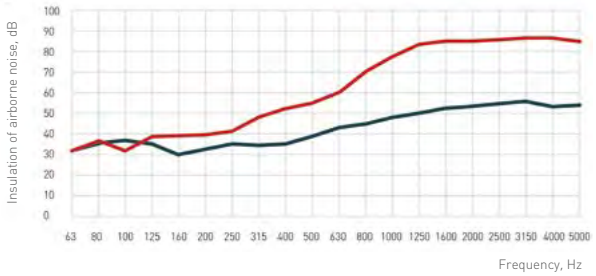
The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise

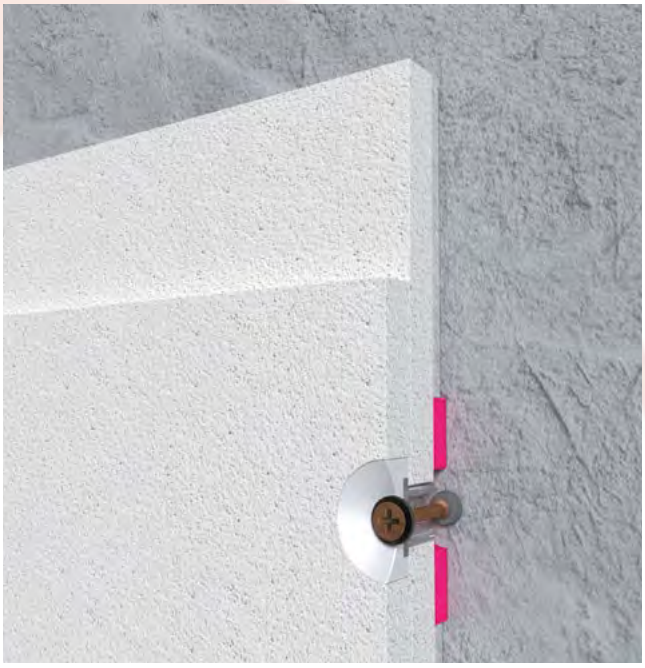


Additional air-borne sound insulation index, ΔR_w	up to 11 dB

ZIPS-SLIM

ultra-thin frameless sound insulation for aerated concrete walls and partitions

Not applicable for interfloor slabs.



DISTINCTIVE FEATURES

- The thinnest sandwich panel in ZIPS panels series - only 25 mm (1 in) thick;
- High efficiency with minimal thickness. The additional air-borne sound insulation index is 11 dB;
- Patented VIBRID vibration insulating joints of the new generation provide increased structural strength and acoustic efficiency;
- Vibration insulating supports made of elastomer, with improved dynamic properties;
- Sound-absorbing layer of the sandwich panel is elastic acoustic glass felt;
- Frameless mounting to the surface for easy and quick installation.

MOUNTING

ZIPS-SLIM panel system should be mounted strictly according to installation instructions.

CERTIFICATES

The material is certified and passed acoustic tests.

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ZIPS-STS

soundprofing panel for thin walls and partitions

ZIPS-STS panels are used to improve the sound insulation of partition walls made of tongue-and-groove gypsum slabs or aerated concrete blocks with thickness not more than 100mm. Panels without gap and framework are to be mounted on the partition from any side of the wall construction using multi-purpose self-tapping screws or rawplug anchors.

COMPOUND

- Gypsum fiber tongue-and-groove element (20 mm thick)
- Multi-layer glass-fiber cover Ultrakustik-Tape (3 mm thick)
- Compensating washers (24 mm dia)

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 23 mm
- panel weight: 17,5 kg

MOUNTING

ZIPS-STS panel system should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

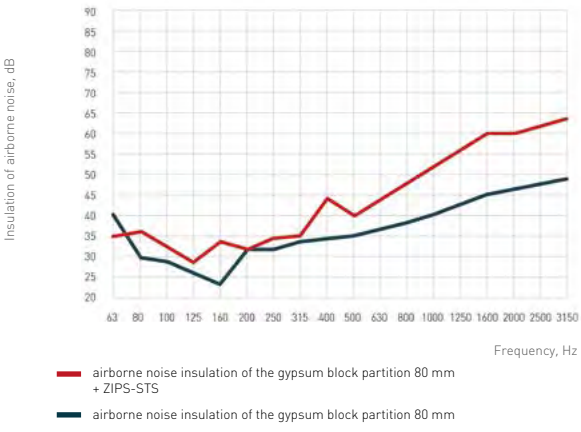
The surface density of the ZIPS-STS system	24,3 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise



Index of additional airborne noise soundproofing, ΔR_w	6-10 dB

ZIPS-dB

insulating gypsumfiber board triplex

Acoustic triplex ZIPS-dB is a specialized three-layer material for the construction of sound insulating timber frame constructions, linings and suspended ceilings.

In compare to the moisture resistant gypsum fiber board having the same surface density, ZIPS-dB acoustic triplex has a higher level of sound insulation at different frequencies due to the elastic connection between separated rigid layers.

This is based on the drift of the boundary frequency (at which the failure in sound insulation occurs) to the region of higher frequencies, where the effect of wave coincidence does not significantly affect the sound insulation of the construction.

COMPOUND

Acoustic triplex is made of two 8mm hard GFB sheets, connected with elastically-resilient layer of special sealant.

DIMENSIONS AND PACKAGING

- Dimensions: 1200 x 1200
- Thikness: 16,5 mm
- Weight: 30 kg

MOUNTING

ZIPS-dB acoustic triplex should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

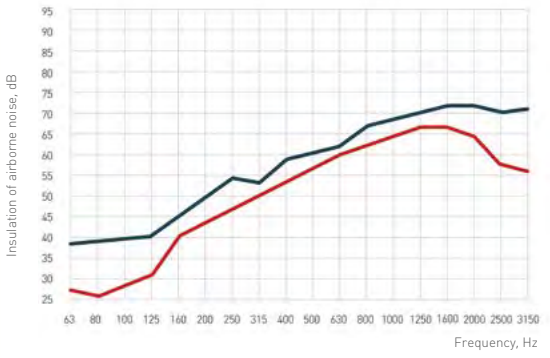
The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

The surface density	18 kg/m^2
Bulk density	1200 kg/m^3
Bending strength	not less than 4.5 MPa

ACOUSTIC CHARACTERISTICS

Insulation of airborne noise



Wall partition with 100mm Vibroflex-Wave metal stud, covered from both sides with 2 sheets of gypsum plasterboard, Rw = 54 dB

Wall partition with 100mm Vibroflex-Wave metal stud, covered from both sides with 1 sheet of ZIPS-dB and 1 sheet of gypsum plasterboard, Rw = 62 dB

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ULTRAKUSTIK-GW NEO

acoustic glasswool board

The ULTRAKUSTIK-GW NEO mineral panels are based on a new generation of fiberglass, having high acoustic and performance parameters.

Ultrathin and super long fibers of this material show a high mechanical durability throughout all its service life.

COMPOUND

ULTRAKUSTIK-GW NEO mineral panels are based on of a new generation of fiberglass.

DIMENSIONS AND PACKAGING

- slab length: 1250 mm
- slab width: 600 mm
- slab thickness: 50 mm
- quantity per package: 10 pcs.
- package weight: 11.25 kg

MOUNTING

ULTRAKUSTIK-GW NEO panels are used as a sound-absorbing layer inside the lining light constructions, partitions or suspended ceilings.

FIRE SAFETY

Fire safety class A1.

CERTIFICATES

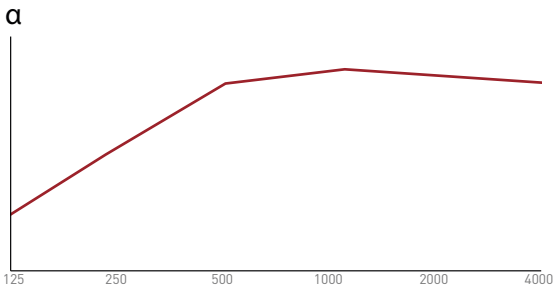
The material is certified and passed acoustic tests.

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Random-incidence absorption coefficient



Sound absorption index (with a thickness of 50 mm)	0,9
Sound absorption class	A

ULTRAKUSTIK-GW ECO

acoustic glasswool roll with a protective membrane

ULTRAKUSTIK-GW ECO - a new development in the line of sound-absorbing materials designed for application in soundproofing constructions of walls and ceilings. Material has enhanced environmental performance safety and consists of non-flammable acoustic filler in a special cover of non-woven fabric. Used in designs for additional sound insulation of walls and ceilings, during construction and reconstruction of various types of premises.

COMPOUND

ULTRAKUSTIK-GW ECO material consists of an elastic fibrous sound-absorbing layer of staple fiberglass on an acrylic binder, enclosed in a sheath of a specialized non-woven fabric, to completely eliminate the emission of particles.

DIMENSIONS AND PACKAGING

- length - 7.5 m;
- Total width - 1.2 m;
- Working width - 1,15 m;
- Thickness - 25 mm;
- Package weight: 10.3±2 kg
- Thermal conductivity coefficient – 0.034 W/(m*K)
- Sound absorption index αw – 0.6

MOUNTING

ULTRAKUSTIK-GW ECO must be fixed to the ceiling or to the wall with polypropylene dowels for thermal insulation, before the installation of the frame construction of suspended ceiling or wall lining.

In case of installation of soundproof ceiling it is possible to put the material on top of the suspended ceiling frame without fixing it panel to the ceiling.

FIRE SAFETY

Fire safety class E.

PHYSICAL CHARACTERISTICS

Thermal conductivity coefficient	0.034 W/(m*K)

ACOUSTIC CHARACTERISTICS

Sound absorption index, αw	0,6

DISTINCTIVE FEATURES

- High sound absorption for installation without offset (alpha = 0.6)
- Simple installation - the filler is not wound when drilling
- Super eco-friendly: ULTRAKUSTIK-GW ECO filling in protective membrane
- Coefficient of thermal conductivity - 0.034 W/(m*K)
- Sound absorption index αw – 0.6
- Sheath guarantees no particle emission filler

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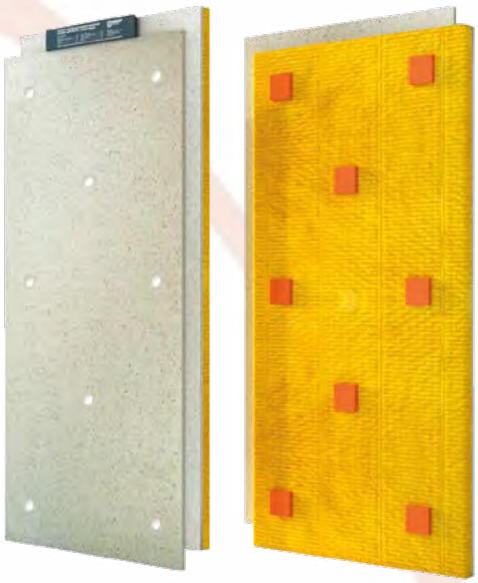
ZIPS-FLOOR VECTOR

basic level dry-floor soundproofing panel

Assembling sound insulation panel ZIPS-FLOOR Vector of basic level is an effective solution tfor additional sound insulation of the floor. It completely solves the impact noise insulation problem, and increases the insulation of the airborne sound - speech, barking dogs, low-power TV and radio equipment, etc. (effective frequency range of the system for airborne sound insulation is above 100 Hz).



COMPOUND

Sound insulating panel system ZIPS-FLOOR Vector consists of a 45 mm sandwich-panels, a layer of acoustic triplex ZIPS-dB and 18 mm. A sandwich-panel of ZIPS-FLOOR Vector type is a combination of a GFB layer and glass staple fiber. Every sandwich-panel has eight vibration-insulating S-supports made of elastomer Sylomer®.

Total thickness of the system with finishing plywood layer is 80 mm.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 50 mm
- system thickness: 85 mm
- panel weight: 18,5 kg

MOUNTING

ZIPS-FLOOR Vector panel system should be mounted strictly according to the installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

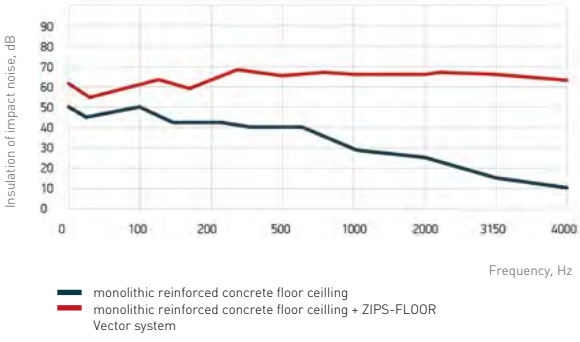
The surface density of the ZIPS-FLOOR Vector system	61,5 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of impact noise



Additional impact sound reduction index, ΔL_w	28 dB
Additional airborne sound insulation index, ΔR_w	6-8 dB

ZIPS-FLOOR MODUL

advanced level dry-floor soundproofing panel

Standard soundproofing assembling panel ZIPS-FLOOR Modul is an effective solution for additional sound insulation of the floor. It completely solves the problem of impact noise, and increases the insulation of airborne sound - speech,dogs barking, low-power TV and radio equipment, etc.

Effective frequency range of the system for airborne sound insulation starts from 80 Hz.

COMPOUND

ZIPS-FLOOR modul soundproofing panel system has a 75 mm sandwich panel with 2 layers of 10 mm Gypsum Fiber Boards (GFB) and 18 mm plywood layer on top, glued with elastic mastic.Sandwich panel has a «hard» layer of GFB and a «soft» layer of staple fiber. Sandwich panel has 8 vibration insulating joints made from Sylomer®.

DIMENSIONS AND PACKAGING

- work size (excluding ridge area) of panels: 1200x600 mm
- panel thickness: 75 mm
- system thickness: 113 mm
- panel weight: 19 kg

MOUNTING

ZIPS-FLOOR Modul panel system should be mounted strictly according to installation instructions.

FIRE SAFETY

B-s1, d0 fire safety class according to Standart EN 13950:2014.

CERTIFICATES

The material is certified and passed acoustic tests.

PHYSICAL CHARACTERISTICS

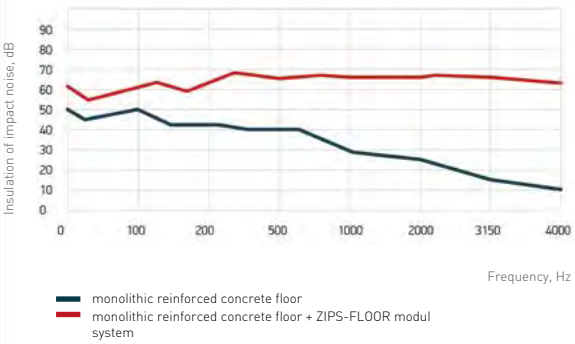
The surface density of the ZIPS-FLOOR Modul system	62 kg/m^2

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

ACOUSTIC CHARACTERISTICS

Insulation of impact noise



Additional impact sound reduction index, ΔL_w	32 dB
Additional airborne sound insulation index, ΔR_w	7-9 dB

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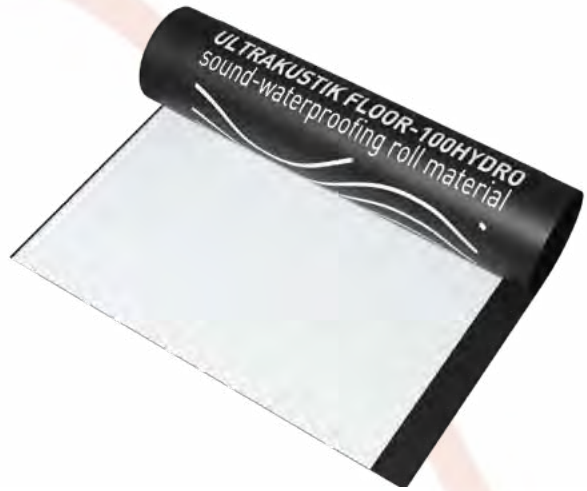
ULTRAKUSTIK FLOOR 100HYDRO

sound-waterproofing roll material



ULTRAKUSTIK FLOOR-100HYDRO represents a blanket having a synthetic fibrous basis covered with a bitumen-polymeric binder. A special soundproofing material with high degree of protection against impact noise is applied on the external side. ULTRAKUSTIK FLOOR-100HYDRO provides efficient insulation of room from impact noise and moisture. Material is mainly used in the floating floor constructions.

COMPOUND

A synthetic fiber basis is treated with a mixture of a bitumen-polymeric binder on both sides, where sound-proofing layer made of polyester fibers is glued to one of the sides. To avoid layers sticking in the roll, the bitumen layer is covered with a polymeric film. To make the material elastic, special additives based on styrene-butadiene are added to the bitumen mixture.

DIMENSIONS AND PACKAGING

- roll width: 1 m
- roll length: 10 m
- thikness: 5 mm
- roll weight: 34 kg
- the working width of the fiber basis without the bitumen edge: 0,93 m

MOUNTING

ULTRAKUSTIK FLOOR-100HYDRO should be mounted strictly according to installation instructions.

FIRE SAFETY

Class E_{fl} fire safety class according to Standart EN 13970:2004.

ECO-FRIENDLY

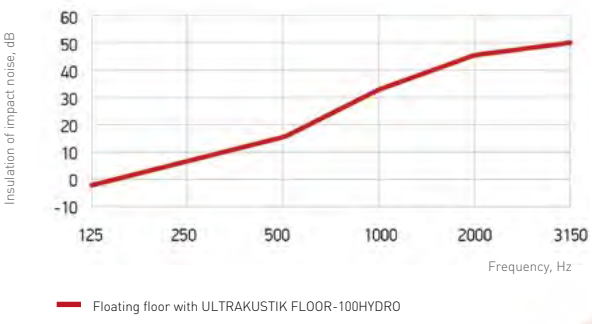
The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

PHYSICAL CHARACTERISTICS

Dynamic stiffness	not more than 80 MN/m^2
Tensile strength	not less than 270 N
Water resistance under the pressure not more than 0,2 MPa within 2 hours	absolute
Water-absorption within 24 hours	not more than 2%

ACOUSTIC CHARACTERISTICS

Insulation of impact noise



Additional impact noise reduction index, ΔL_w	24 dB

ULTRAKUSTIK FLOOR PLAST

leveling multifunctional «floating» floor elastic layer

ULTRAKUSTIK FLOOR-PLAST is a ready-to-use granular mixture of elastic sound insulation material. Material can be used on uneven surfaces as an elastic underlayer of «floating» floor construction.

This mixture is developed especially for the floor constructions with rough slab surfaces or with big amount of technical communications installed on the slab. Despite the messy and uneven initial floor surface, 20-40 mm layer, installed directly on the slab surface, provides you with stable acoustic characteristics of sound insulation of the floor.

COMPOUND

ULTRAKUSTIK FLOOR-PLAST consists of the polystyrene granules treated with special technology, rubber compensating additives and synthetic adhesive on acrylic base. The product is patented.

DIMENSIONS AND PACKAGING

- package: polyethylene bags with volume of 0,2 m^3
- weight: 13,5 kg
- consumption: 1,35 kg/m^2 (with a thickness of coating 20 mm)

MOUNTING

ULTRAKUSTIK FLOOR-PLAST should be mounted strictly according to the installation instructions.

FIRE SAFETY

Class E_{fl} fire safety class according to Standart EN 13970:2004.

ECO-FRIENDLY

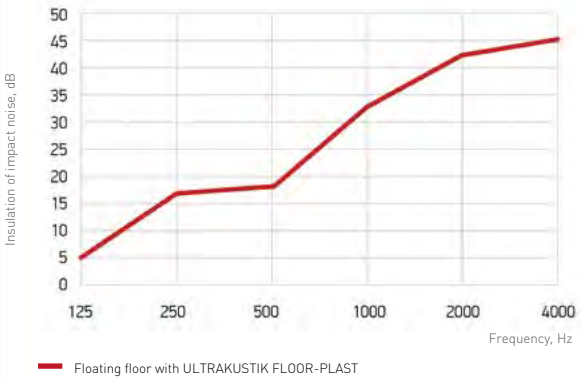
The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

PHYSICAL CHARACTERISTICS

Surface density	67,5 g/m^2
The dynamic modulus of elasticity (20mm layer under the load 2000 N/m2)	not less than 0,2
Compression under the load 2000 Pa	not less than 3%

ACOUSTIC CHARACTERISTICS

Insulation of impact noise



Additional impact noise reduction index (with a thickness of layer 20 mm), ΔL_w	31 dB
Additional airborne sound insulation index, ΔR_w	9 dB

DECOUSTIC DATASHEET 2023 SOUND INSULATION

T +381 (11) 425 1059
sales@decoustic.org
www.decoustic.org

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ULTRAKUSTIK-TAPE M100/M150

vibration damping tape

ULTRAKUSTIK-TAPE M100/M150 is a soundproof glass fiber tape, reeled in a roll. The structural noise insulation is provided by the elastic properties of the porous fibrous texture of the material. This provides the stable physical and mechanical characteristics of the material when exposed to static and dynamic loads, as well as the stability of the declared acoustic properties over long time.

COMPOUND

Multilayer fiberglass with a chaotic pattern of fibers.

DIMENSIONS AND PACKAGING

- tape width: 100/150 mm
- tape thickness: 4 mm
- roll lenght: 30 m
- roll weight: 1/1,5 kg

MOUNTING

ULTRAKUSTIK-TAPE M100/M150 tape should be mounted strictly according to installation instructions.

FIRE SAFETY

The material is not liable for mandatory conformity assessment.

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

PHYSICAL CHARACTERISTICS

The surface density	300 g/m^2
The dynamic modulus of elasticity, Ed	0.18 MPa under the load of 2 KPa 0.35 MPa under the load of 5 KPa
Relative compression ratio εd	0,25 with under the of 2 KPa 0,35 with under the of 5 KPa

ULTRAKUSTIK-VS
vibroacoustic sealant

ULTRAKUSTIK-VS is an anti-vibration one-component (neutral) silicone sealant.

It is used to seal joints and junctions, providing protection against the transmission of structural vibrations in the elements of soundproofing solutions.

The sealant provides high vibration insulation of joints between building constructions, reduces the spread of structural noise through the last ones and, thereby, increases their own sound insulation.

It is used for filling joints in structures of soundproofing floors, panel system ZIPS, frame soundproofing partitions, claddings of walls and ceilings.

COMPOUND

The basis of the product are silicone resins and silicone modifiers.

DIMENSIONS AND PACKAGING

- package: cartridge 290 ml
- package weight: 0,38 kg

MOUNTING

ULTRAKUSTIK-VS sealant should be mounted strictly according to installation instructions.

FIRE SAFETY

The material is not liable for mandatory conformity assessment.

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

PHYSICAL CHARACTERISTICS

Operating temperature	between -10 °C and +40 °C
Exploitation temperature	between -40 °C and +150 °C
Storage temperature	between 0 °C and +25 °C
Warranty period of storage	18 months

VIBROACOUSTIC CHARACTERISTICS

name of the material, thickness in unloaded state	the index of dynamic stiffness S', MN / m^3, and the coefficient of losses under loads on the sample η, MN/ m^3			
vibroacoustic sealant, 4 columns 6 mm thick	44,23		110,580	
	S'	η	S'	η
	150	0,28	240	0,25

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ULTRAKUSTIK BOX

sound isolating socket box

ULTRAKUSTIK BOX is intended for installation of built-in sockets and switches in soundproof structures of various types in order to ensure the airtightness and soundproofing characteristics of these structures.

COMPOUND

- Massive molded plastic box
- Embedded mounting boxes Legrand (manufactured in France)

DIMENSIONS AND PACKAGING

- Depth: 40 mm
- Width: 150 mm
- Thickness: 45 mm

MODIFICATIONS:

- 1 slot: length 150 mm
- 2 slots: ength 220 mm
- 3 slots: length 290 mm
- 4slots: length 360 mm
- 5 slots: length 430 mm

MOUNTING

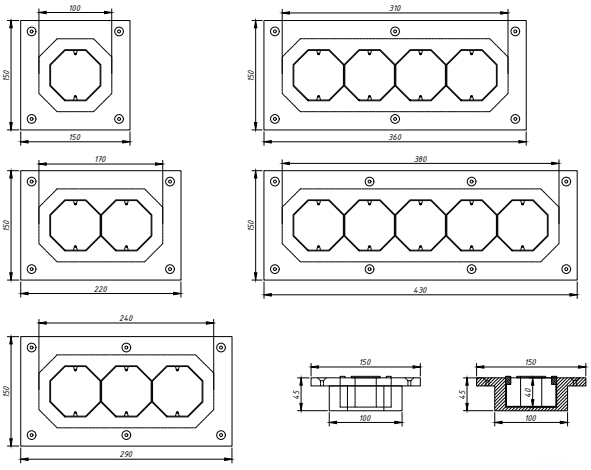
The socket box mounts in flush with the finish sheet ща acoustic gypsum board.

- The back side of the socket box should be marked on the first layer gypsum board and cut out with jigsaw
- The openings for the electric cables should be pre-drilled in the socket box
- Installation of the socket box inside the gypsum wall
- After the cables are inserted, pre-drilled openings in the socket box must be sealed with ULTRAKUSTIK-VS

DISTINCTIVE FEATURES

- Can be used in conjunction with all types of constructions of soundproof claddings and partitions, including those with ZIPS panel system
- Has 5 different modifications
- For the convenience of filling the front panel treated with special primer
- Universal design device socket box is compatible with most modern types and sizes of sockets and switches

SCHEMES OF SOCKET MODIFICATIONS:



ULTRAKUSTIK CONNECT

universal anti-vibration mount

ULTRAKUSTIK CONNECT universal anti-vibration mount is a low-cost version of the vibration insulating hangers for the suspended ceiling and wall frames.

In compare to the standard straight hangers, the additional airborne sound insulation index of the whole construction is 2 dB higher in case of use of ULTRAKUSTIK CONNECT hangers, meaning 25% higher sound pressure reduction of noise. The maximum efficiency appears at the low-frequency range from 100 to 315 Hz.

Extended suspension shelves allow to mount the frame at the distance of up to 150 mm from the wall or ceiling surface.

COMPOUND

A combination of Sylodyn/Sylomer elastomers is used as the anti-vibration element in the hanger design.

DIMENSIONS AND PACKAGING

- lenght: 300 mm
- width: 30 mm
- mounting foot thickness: 1 mm
- assembly thickness: 15 mm
- quantity per package: 60 pcs.

MOUNTING

ULTRAKUSTIC CONNECT anti-vibration hangers are mounted directly to the ceiling through the central hole using metal anchors with a diameter of 6 mm.

An average number of hangers per 1 sq.m of ceiling is 2,7 pcs. (lining: 2 sheets of plasterboard or gypsum fiber board).

Each hanger is designed for a load of not more than 15 kg.

The hangers shall be installed with gray layer to the wall/ ceiling surface.

ECO-FRIENDLY

The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

FIRE SAFETY

The material is not liable for mandatory conformity assessment.

CERTIFICATES

The material is certified and passed acoustic tests.

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FOR NOTES

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