



SOUND AND VIBRATION INSULATION



ZIPs SYSTEM

ACOUSTIC WOOL SLABS

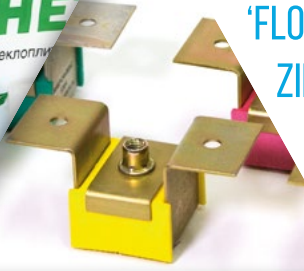
'FLOATING' FLOOR SYSTEMS

ZIPs-FLOOR SYSTEM

FRAME SYSTEMS

VIBRATION INSULATION

ACCESSORIES



**SPECIAL MATERIALS
FOR SOUNDPROOFING CONSTRUCTIONS**



MATERIALS FOR FLOATING FLOORS



SHUMOSTOP-S2/K2

Slabs soundproofing system SHUMOSTOP-S2 is used as an efficient soundproofing layer in floating floor with high requirements for insulation of impact noise. As a edging material SHUMOSTOP-K2 (basalt fiber soundproofing slabs) is used along the perimeter of the room to provide stable work of the floating floor.

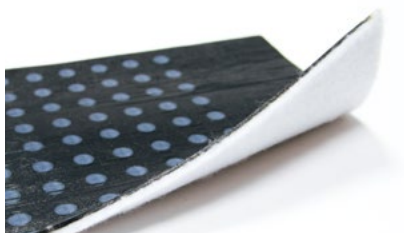
Impact noise insulation $\Delta L_{nw} = 39$ dB



AKUFLEX

AKUFLEX is a soundproofing synthetic fiber rolled material (4 mm). It is used as a resilient underlayer under finishing floor, like laminate or parquet, as well as under leveling screed in order to decrease the level of impact noise below floor slab.

Impact noise insulation under cement-sand screed with density of 100-120 kg/m² $\Delta L_{nw} = 27$ dB



SHUMANET-100HYDRO

It is a waterproofing reinforced bituminous base with soundproofing fiber material with a high level of impact noise insulation glued on it. Shumanet-100Hydro is used as a waterproofing resilient underlying and is intended to make soundproofing floating floor in order to decrease the level of impact noise.

Impact noise insulation under the screed with density of 120 kg/m³ $\Delta L_{nw} = 24$ dB



SHUMOPLAST

Soundproof leveling coatings Shumoplast is a ready-to-use granular mixture of elastic sound insulation material. Shumoplast consists of the polystyrene granules treated with special technology, rubber compensating additives and synthetic adhesive on acrylic base. The coating patented in the Russian Federation.

The coating is specially developed for floating floors on large objects and has soundproof and floors leveling characteristic. The coating applied with a thickness of 20-30 on slabs with a rough surface, after leave for a day to dry, then lay the cement-sand screed.

Impact noise insulation $\Delta L_{nw} = 39$ dB

ACCESSORIES



VIBROSTEK-M

VIBROSTEK-M is anti vibration glass-fiber tape. It is used as a laying material in the mounting of panel systems ZIPS, ZIPS-FLOOR, frame soundproofing partitions, walls and suspended ceilings.

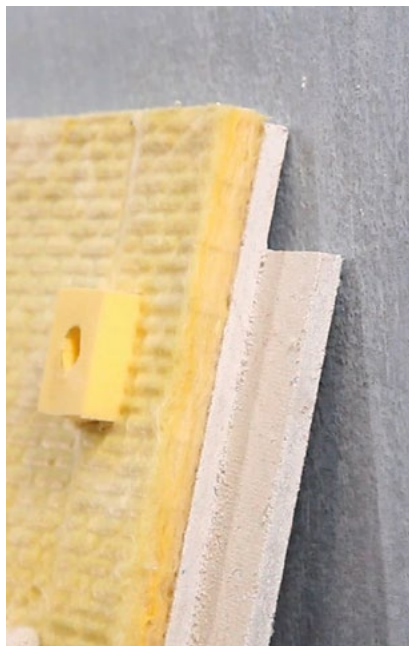


VIBROSEAL

Vibro seal is a single-component vibro acoustic sealant. It is used to seal joints and seams. Provides protection against the spread of structural vibrations in the components of soundproof structures. Improves the sound insulation properties of the structure.

FRAMELESS SOUNDPROOFING

ZIPS soundproofing system has no frame. Panels represent sandwiches consisting of tongue-and groove gypsum-fiber board (GFB) and layers of soundproofing material made of glass or mineral fiber. Without frame, sound vibrations cannot 'bypass' the layers indirectly and 'have to' pass through the combination of sandwich panel layers in sequence.



ZIPS FRAMELESS SOUNDPROOFING SYSTEM

Acoustic Group developed and patented original multi-layer frameless structure for additional soundproofing ZIPS. Its main feature is the unique system of fastening the panels through special resilient mount, which prevent the transmission of sound vibrations from the bearing surface to the outer part of the panels.

ZIPS-III-ULTRA third generation system. The most efficient structure in terms of 'thickness/outcome' for extra soundproofing of walls and ceilings.

Total thickness: 55 mm. Additional sound reduction index $\Delta R_w = 11-13$ dB

ZIPS-VEKTOR The thinnest integrated structure for extra soundproofing of walls and ceilings.

Total thickness: 53 mm. Additional sound reduction index $\Delta R_w = 9-11$ dB

ZIPS-MODUL Basic well-proven structure for household soundproofing of walls and ceilings.

Total thickness: 83 mm. Additional sound reduction index $\Delta R_w = 12-14$ dB

ZIPS-CINEMA The system of extra soundproofing of walls and ceiling in specialized premises (cinemas, studios, engineering rooms). Total thickness: 133 mm. Additional sound reduction index $\Delta R_w = 16-18$ dB



SOUNDLINE-PGP SUPER

Soundline-PGP Super panels are used for improvement of soundproofing of partition walls made gypsum concrete block less than 100 mm thick. Panels without gap and frame are mounted on the partition from any side using multi-purpose self-tapping screws or hanger anchors.



ZIPS-FLOOR SYSTEM/ ZIPS-FLOOR VEKTOR

Light quick-assembly ZIPS-FLOOR system is used to increase insulation of impact and airborne noise generated of floor structures. ZIPS-FLOOR includes following key elements: ready-to-uses sandwich panels, layer off acoustic triplex Soundline-dB, and a finishing polywood layer ZIPS-FLOOR system provides high insulation properties for both impact (up to 38 dB) and airborne noise (up to 9 dB). A smooth or preliminary leveled basement is required for successful application of ZIPS-FLOOR system. High speed of mounting, no 'wet' construction processes.

VIBRATION ISOLATION



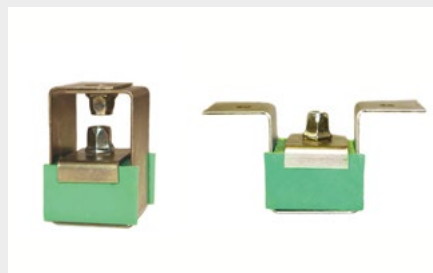
SYLOMER®

Sylomer® - vibration isolation material is made on the basis of foamed polyurethane. Easy preparation of the material makes it possible to manufacture the supports of a given configuration on-site or under the order. Sylomer® is used for vibration isolation of vibroactive equipment of various dimensions and weights.



ISOTOP®

Isotop® - steel spring vibration isolators. They can be used for vibration isolation of vibration sources - vibro active equipment and for vibration isolation on a vibro-active base.



VIBROFLEX® 1 M8, 4 M8

Vibration insulating hanger VIBROFLEX 1 M8 and 4 M8 are used in mounting of power plants and utilities of different engineering equipment to reduce vibration transmission to fencing structures of the building.

FRAME SOUNDPROOFING SYSTEMS

Frame lining soundproofing suggest the presence of a supporting frame. This frame is attached via resilient mount directly to the insulated surface. There is also the option of frame lining without resilient mount.



SHUMANET-ECO

Acoustic eco-friendly fiberglass slab SHUMANET-ECO is innovative product in the segment of sound-absorbing construction materials. The product is based on glass-fiber, having high sound-absorbing properties, the use of acrylic binding agent makes slab ecologically friendly. They are used as an effective middle layer in the structures of sound-insulating and sound-absorbing frame partitions, linings and suspended ceilings.



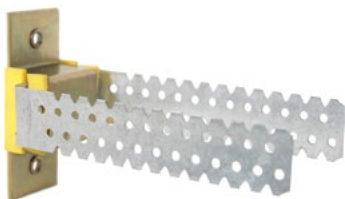
SOUNDLINE-dB

Acoustic triplex Soundline-dB is a specialized three-layer material for sound insulating of constructions, linings and suspended ceilings. Soundline-dB consists of two heavy water-resistant gypsum fiber boards with a thickness of 8 mm, connected by an elastic layer of special vibro-acoustic sealant. The design of acoustic triplex Soundline-dB is patented in the Russian Federation.



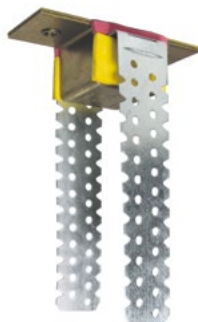
AKU-line

Aku-line soundproof plasterboard are used in frame partitions, wall lining and suspended ceilings. Aku-line plasterboard are also used as finishing for ZIPS panels. Special manufacturing technology combined with high density provides high acoustic performance.



VIBROFLEX-KS

Resilient mount for walls with integrated bracket (premium class)



VIBROFLEX-K15

Resilient mount for suspended ceilings with integrated bracket (premium class)



ULTRACOUSTIC

Basic resilient mount for walls with integrated bracket (economy class)

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