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

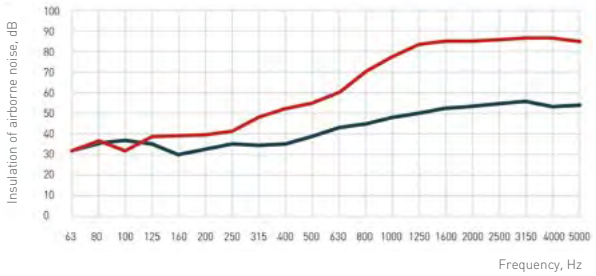
The material complies with the unified Sanitary and epidemiological requirementsfor goods subject to sanitary and epidemiological supervision.

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

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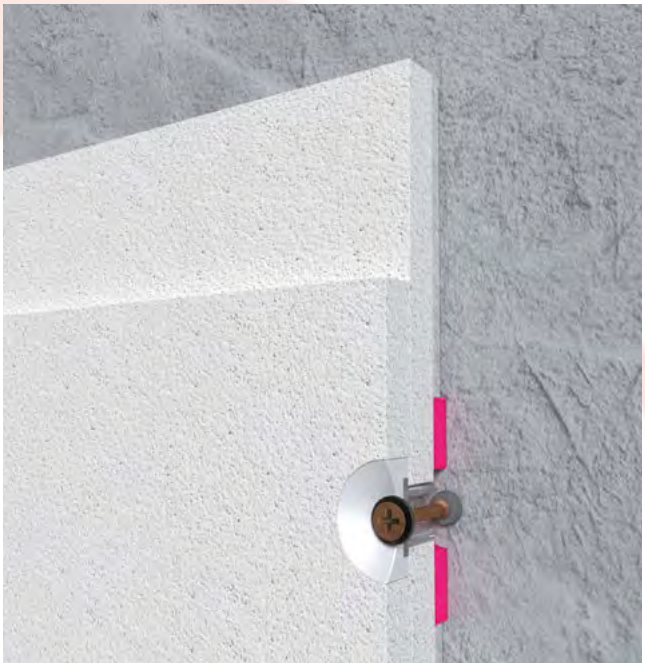
ultra-thin frameless sound insulation for aerated concrete walls and partitions

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.

DECOUSTIC DATASHEET 2023 SOUND INSULATION

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DECOUSTIC
Definitely. Extra. Acoustic