

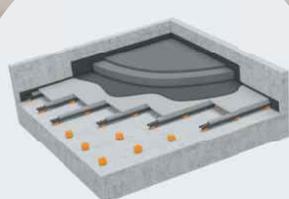
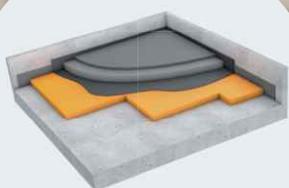
Efficient Impact Noise Insulation for Floors



» Sound control solutions for the most stringent requirements

» Suitable for wet and dry construction

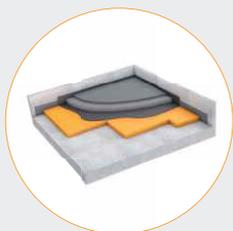
» Sound control for low-frequency ranges



Highly effective protection against impact noise with the Acoustic Floor Mat



Easy-to-handle mats that are simple to install

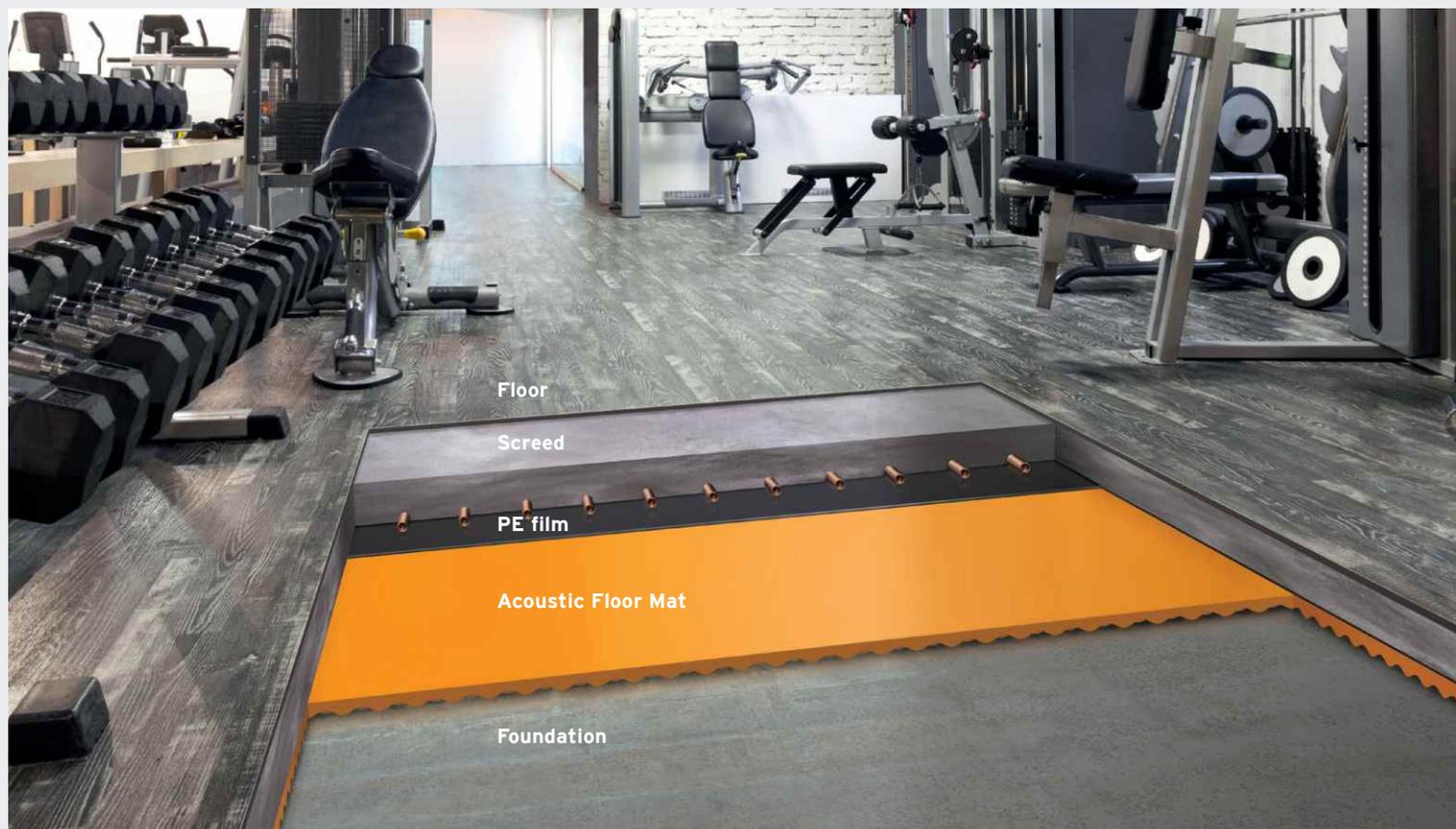


Getzner's products are highly effective and cost-efficient solutions made of foamed polyurethane designed to reduce impact noise transmitted through floors. They provide highly resilient impact noise protection in commercial and industrial premises, as well as residential and public buildings.

Acoustic Floor Mat - The ideal solution for any requirement

The Acoustic Floor Mat is installed as a full-surface layer below the screed. Available as five different types and measuring only a few millimetres thick, the Acoustic Floor Mat achieves rates of impact noise reduction of between 21 and 33 dB. It can therefore be used as a cost-effective solution to meet stringent acoustic demands as well as minimum requirements stipulated in standards.

Rate of impact noise reduction of up to 33 dB





Sylomer® edge insulation strips

AFM 21
AFM 23
AFM 26
AFM 31
AFM 33



Acoustic Floor Mat product range



Easy handling and quick installation

Advantages

- Rate of impact noise reduction of up to 33 dB (ISO 717-2)
- Consistently high impact noise insulation throughout the entire load range and service life
- Load range up to 5000 kg/m²
- Extremely low deflection, even under high loads
- Free from softeners
- Resistant to ageing, rot-proof, resistant to chemicals and odour-free
- A+ classification for indoor air quality
- Easy handling and quick installation thanks to low weight

Installation and delivery dimensions

The Acoustic Floor Mat is delivered in convenient sheets. The mats are installed as a full-surface layer on a level foundation. Usually, a vapour barrier is installed on top to prevent rising damp. The screed can then be laid directly on top of these layers. For further information on installation, please see the installation instructions.

Details

To avoid sound bridges, the screed must be completely separated from the support structure. Edge insulation strips are used for this purpose. Pipe openings must also be decoupled.

Areas of application

- Supermarkets
- Fitness centres
- Hospitals
- Large kitchens
- Production halls and warehouses
- Hotels
- Nursing homes
- Schools and universities
- Concert halls
- Libraries
- Open-plan offices

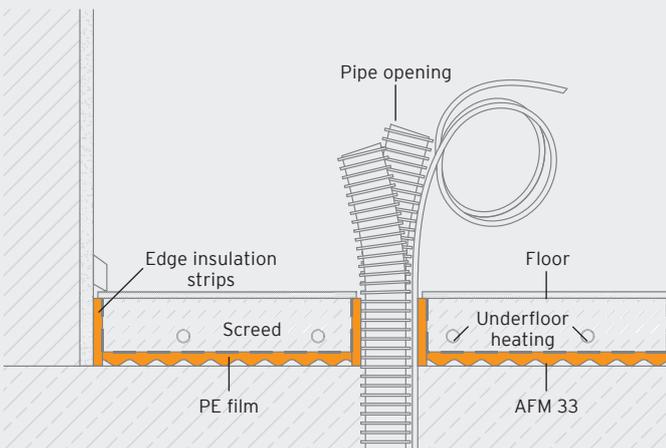


Fig. 1: Detailed view of installation with heated wet screed

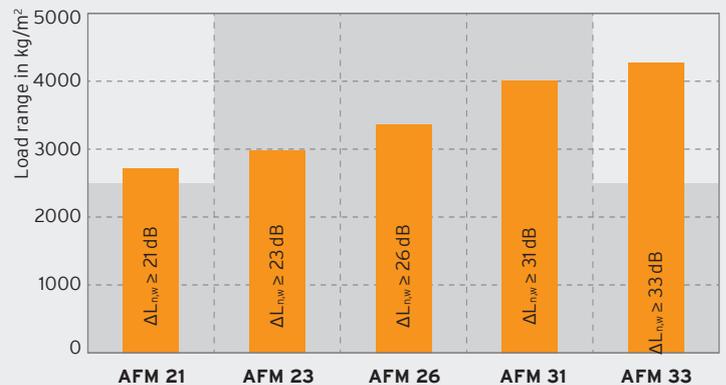


Fig. 2: Overview of the Acoustic Floor Mat range

Acoustic Floor Blocks for impact noise protection in demanding situations



Efficient decoupling with a low installation height

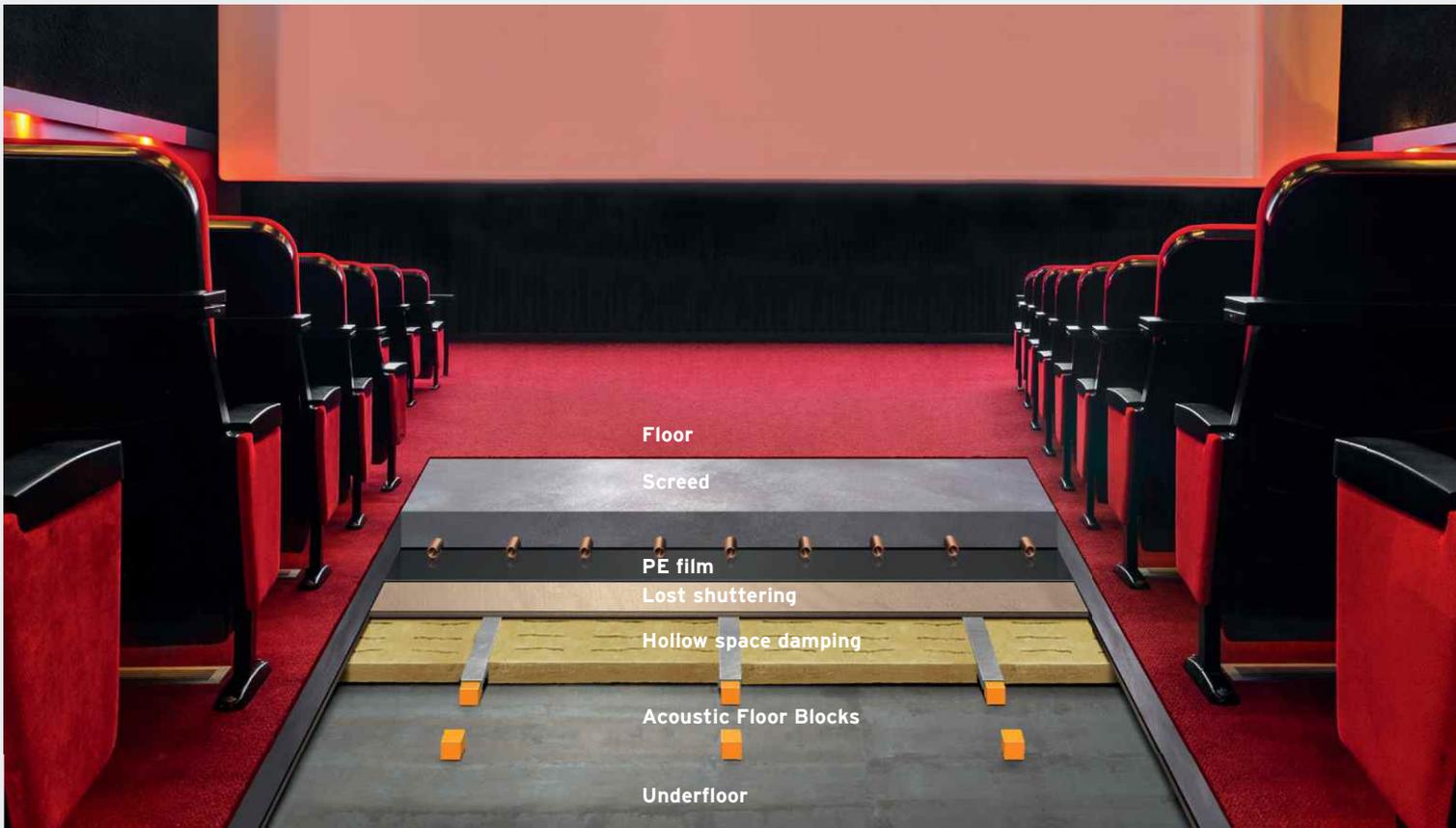


Acoustic Floor Blocks - Quality for the most stringent demands

Point bearings from Getzner are particularly suited for rooms with stringent sound control demands. That is why they are often found in buildings such as recording studios, cinemas, nightclubs and gyms. However, car parks, luxury apartments and hotel rooms can also be effectively decoupled from unwanted surrounding noise.

The homogenously foamed bearings made from Sylomer® stand out due to their proven effectiveness and durability. The range, consisting of various materials, allows the perfect solution to be provided for any area of application. They can be used under both dry and wet screeds and offer planners and processors an economical form of impact noise protection.

Rate of impact noise reduction of up to 38 dB

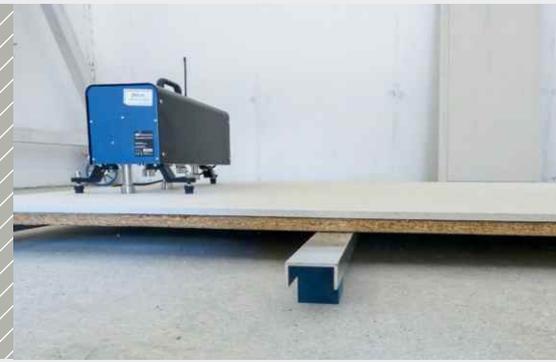




Acoustic Floor Blocks product range



Flexible installation heights allow for the best solutions



Proven effectiveness

Advantages

- High-quality Sylomer® material with proven long-term properties
- Impact noise reduction even in the low-frequency range
- Natural frequencies of up to 8 Hz possible
- Flexible floor installation heights of 80 mm to 500 mm
- Low deflection
- Free from softeners
- Economical sound control solution to meet stringent demands
- Increased walking comfort

Installation and delivery dimensions

The Acoustic Floor Blocks come in handy boxes of 245 pieces. They are installed according to the previously

defined grid plan. The cavities between bearings can be insulated with mineral wool, if necessary. The Acoustic Floor Blocks are fixed in their positions using the corresponding profile rails or dry construction boards. Depending on the type of implementation, it is possible to use either a floating screed or dry construction boards of the appropriate strength.

Details

Edge insulation strips from Getzner prevent sound transmission between the floating screed and adjacent components, such as walls, supports or pipe openings. They are therefore an indispensable addition to the AFM and AFB products for floating floors.

Areas of application

- Cinemas
- Recording studios
- Concert halls
- Fitness centres
- Theatres
- Conference centres
- Nightclubs
- Dance studios
- Bowling alleys
- Schools

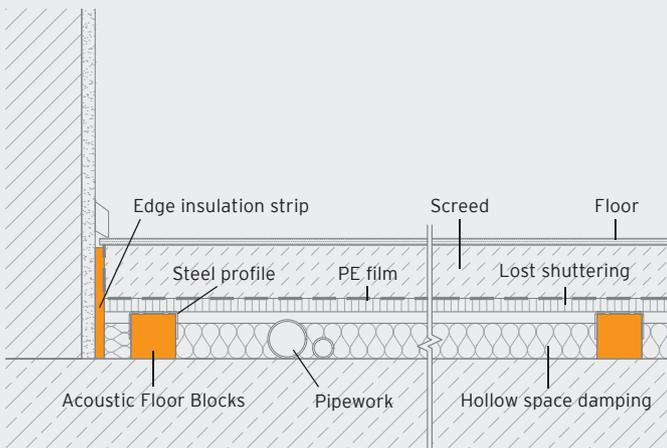


Fig. 1 Detailed view of installation with wet screed

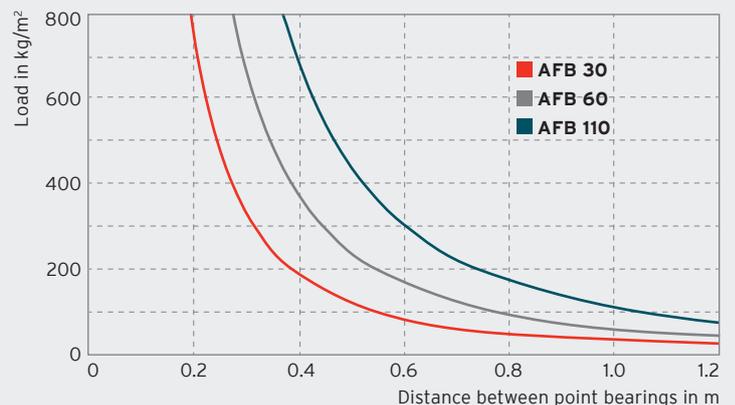


Fig. 2: Distance between point bearings with different loads

Tests and References



Tests

In addition to regular internal quality control, the products also undergo external quality checks to ensure consistent product quality. The effectiveness of all five types of the Acoustic Floor Mat has been successfully tested in accordance with standardised test procedures at external institutes and through on-site measurements. The premium products AFM 33 and AFM 31 have been granted European certification.



Floating floor references (extract)

- Migros, Ilanz (CH), 2017
- Sparmarkt, Graz (AT), 2017
- Hard Rock Cafe, Lyon (FR), 2016
- Cinema Citygrove, London (GB), 2016
- Floor above cinema, Sao Paulo (BR), 2016
- Rudolfinum concert hall - Sukova Sin, Prague (CZ), 2016
- Cité musicale de l'Île Seguin (FR), 2014 – 2016
- Blum Plant 3 (AT), 2015
- Auditorium at the Palace of Versailles (FR), 2015
- Fitness studios in London (GB), 2015
- Hotel Titan, Athens (GR), 2015
- Red Bull Music Academy, Tokyo (JA), 2014
- Paris Philharmonic Hall (FR), 2013
- Hotel Bayerischer Hof, Munich (DE), 2013
- Hotel Post, Arzl (AT), 2013
- Alexandrijsky Theatre, St Petersburg (RU), 2012



Find out more at
[www.getzner.com/
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