

# IMPACT SOUND INSULATION



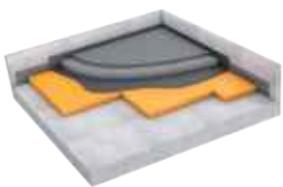
- Sound control solutions for the most demanding situations
- Suitable for wet and dry construction
- Sound control for low-frequency ranges

**EFFECTIVE IMPACT SOUND INSULATION**  
for Floors

**getzner** 

# HIGHLY EFFECTIVE PROTECTION AGAINST IMPACT SOUND

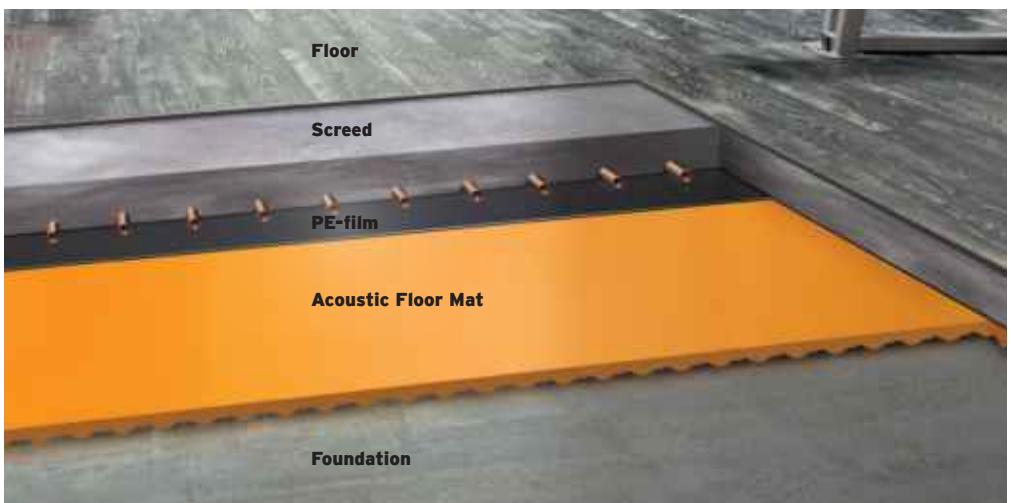
Getzner's products are highly effective and cost-efficient solutions made of foamed polyurethane designed to reduce impact sound transmitted through floors. They provide highly resilient impact sound protection in commercial and industrial premises, as well as in residential and public buildings.



Impact sound reduction up to 35 dB

## The ideal solution for all situations

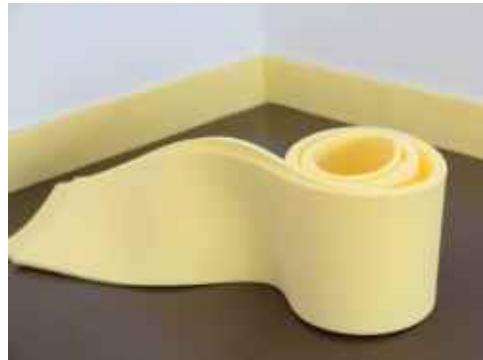
The Acoustic Floor Mat is installed as a full-surface layer below the screed. Only a few millimetres thick and in a range of different types, the floor mats achieve between 22 and 35 dB impact sound reduction, or up to 38 dB as a double layer. They can therefore be used as a cost-effective solution to meet demanding acoustic requirements as well as minimum specifications stipulated in standards.



Easy-to-handle mats which are simple to install



Acoustic Floor Mat 35



**Sylomer® edge insulation strips**



**Isolgomma UPGREI**

## Installation

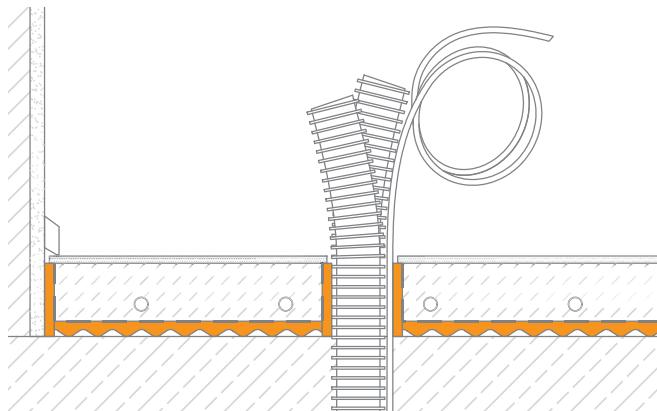
The Acoustic Floor Mat is delivered in convenient sheets. The mats are installed as a full-surface layer, profiled side facing down and seamless, on a level foundation. A film is usually laid on top of this as a vapour barrier. The screed can then be laid directly on top of these layers. For further information on installation, please see the installation instructions.

## Details

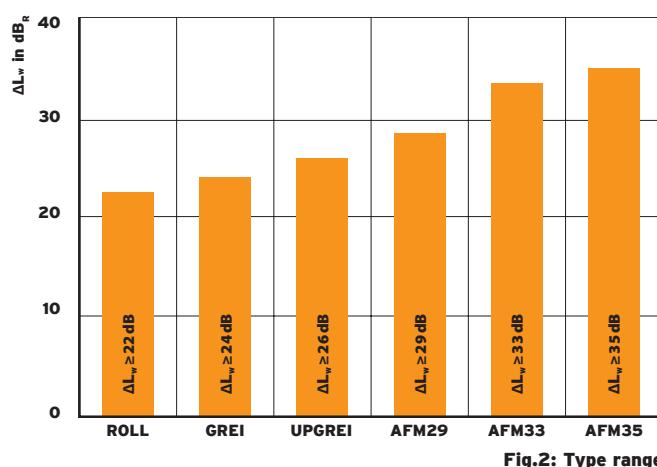
To avoid sound bridges, the screed must be completely separated from the support structure. Edge insulation strips are used for this purpose. Pipe openings must also be decoupled.

## Range of use

- Supermarkets
- Fitness centres
- Hospitals
- Commercial kitchens
- Production halls and warehouses
- Hotels
- Nursing homes
- Schools and universities
- Concert halls
- Libraries



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



**Fig.2: Type range**

## ADVANTAGES

- Impact sound reduction of up to 35 dB (ISO 717-2)
- Consistently high impact sound insulation across the load range and service life
- Load range up to 5,000 kg/m<sup>2</sup>
- Extremely low deflection, even under high loads
- A+ classification for indoor air quality
- Easy handling and quick installation thanks to low weight

# IMPACT SOUND PROTECTION IN DEMANDING SITUATIONS

Acoustic Floor Blocks - Point bearings from Getzner are particularly suited for rooms with demanding sound control requirements. 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.



Impact sound reduction up to 38 dB



## Quality for the most demanding situations

The homogenously foamed bearings made from Sylomer® stand out due to their proven effectiveness and durability. The range, made up of various materials, provides the perfect solution whatever the application. They can be used under both dry and wet screeds and offer planners and fabricators an economical form of impact sound protection.



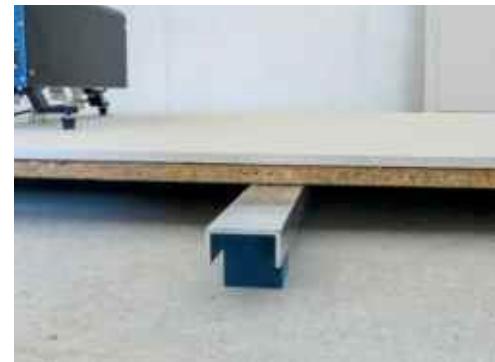
Efficient decoupling with a low installation height



Acoustic Floor Blocks



**Flexible spacing allows the solution to be adapted to the situation**



**Proven effectiveness**

## Installation

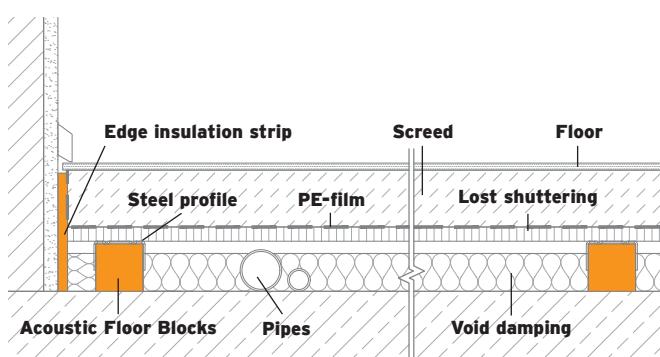
The Acoustic Floor Blocks come in manageable boxes of 245 pieces each. They are installed according to the previously defined grid plan. If necessary, the cavities between the bearings can be insulated with mineral wool. The Acoustic Floor Blocks are fixed in their positions using the corresponding profile rails or drywall panels. Depending on the type of implementation, it is possible to use either a floating screed or drywall panels of the appropriate strength.

## Details

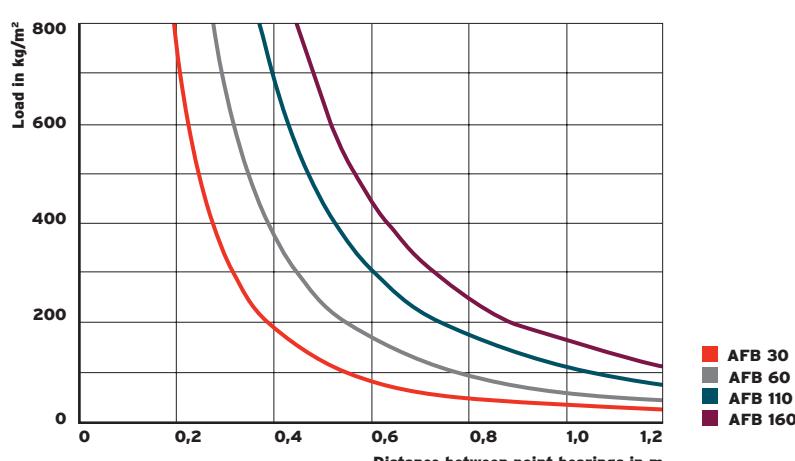
Edge insulation strips from Getzner prevent sound transmission between the floating screed and adjacent components, such as walls, supports or pipe openings. They are therefore an indispensable addition to the AFM and AFB products for floating floors.

## Range of use

- 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**

## ADVANTAGES

- High-quality Sylomer® material with proven long-term properties
- Impact sound reduction even in the low-frequency range
- Natural frequencies 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 demanding requirements
- Increased walking comfort

# EFFECTIVE SOUND CONTROL OF FITNESS AREAS



The g-fit line from Getzner is specifically designed for the fitness sector.

High-tech elastomers provide sound insulation beneath floors or equipment, ensuring impact sound and shock absorption. They effectively reduce noise, vibrations, and shocks, making them ideal for group exercise rooms, cardio areas, and strength training.

g-fit solutions for aerobic floors, free weight areas, cardio equipment, equipment coupling, and impact damping to effectively minimize noise, vibrations, and shocks in fitness studios.

## ADVANTAGES

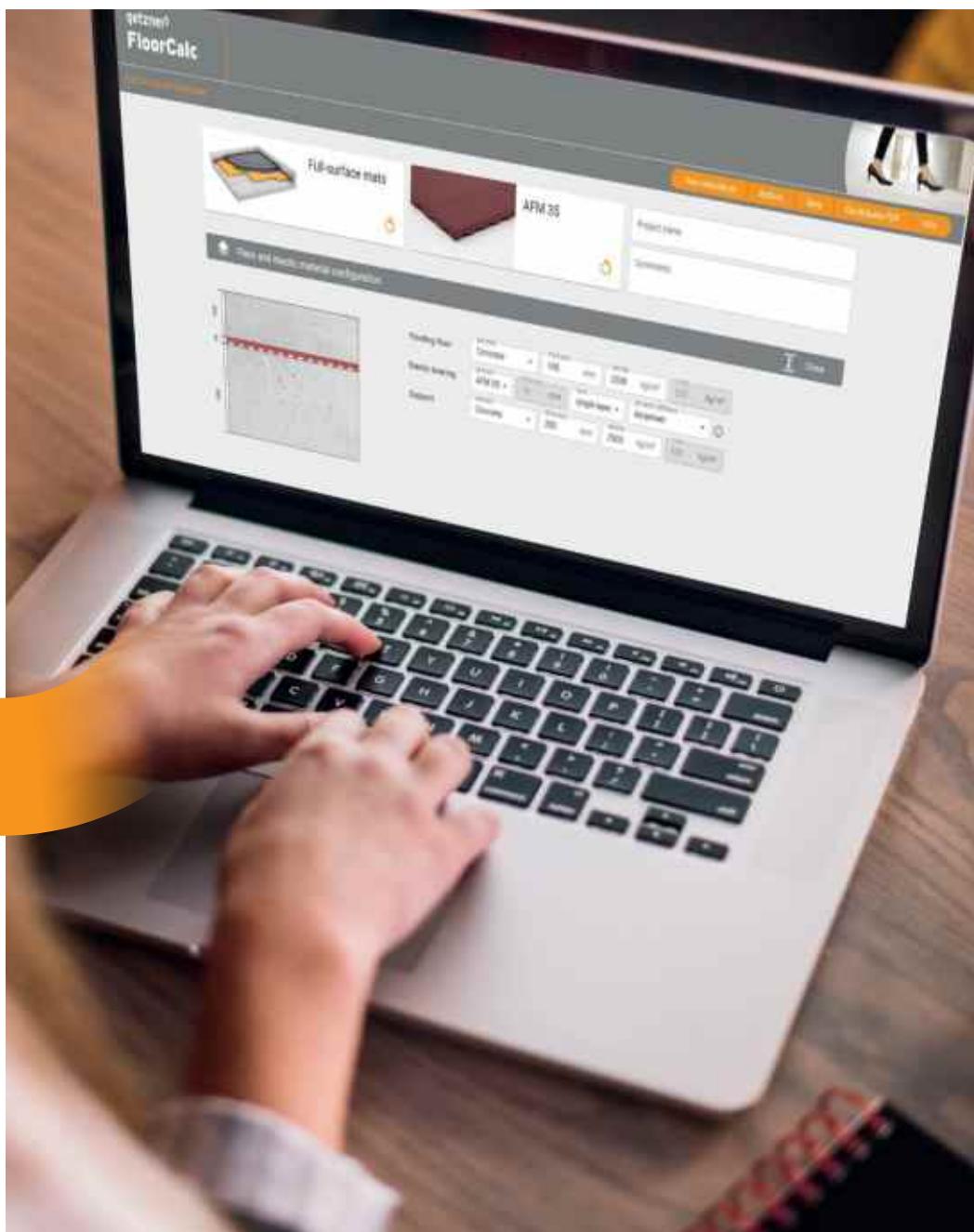
- Flexible choice of location and unrestricted usage times
- Elastic solutions for sound decoupling of gym floors, free-weights areas and the isolation of the training equipment itself
- Durable, maintenance-free for decades and free from pollutants
- Easy and quick installation, can be retrofitted to existing gym equipment regardless of the floor covering



[getzner.com/  
g-fit](http://getzner.com/g-fit)

# FLOORCALC® ONLINE ACOUSTIC CALCULATOR

THE CALCULATION TOOL  
FOR CUSTOMISED IMPACT  
SOUND INSULATION.



[getzner.com/  
floorcalc](http://getzner.com/floorcalc)



Getzner Werkstoffe, Bürs

# ENGINEERING A QUIET FUTURE

We are proud to be the leading global specialist in vibration isolation and vibration protection in the railway, construction and industry sectors.

Our innovative products are based on our own in-house developed materials such as Sylomer®, Sylodyn® and Sylodamp®, and are complemented by spring elements such as Isotop®.

Our applications effectively reduce noise and vibrations. They reduce wear, extend the service life of bedded components and improve application suitability, quality and comfort.

We specialise in integrated solutions and targeted services for sustainable vibration isolation. Our work is based on intensive research, climate-friendly production and decades of experience.