

ACOUSTIC FLOOR BLOCKS

INSTALLATION GUIDELINE



1. Instruction

Carefully read through the installation guideline before starting installation work. To ensure the floating floor performs correctly, it is essential that you observe and implement the following points.

2. Transport and storage

- Always transport in original packaging.
- Damage to the packaging must be repaired immediately (with adhesive tape).
- Only store in a dry place in the original packaging.
- Protect from direct sunlight.
- Protect from moisture after removing the original packaging.
- Acoustic Floor Blocks are delivered in stackable carton boxes.
- The conditions, including temperature, at the storage location should correspond to those at the installation site. If the temperature at the storage location differs significantly from that at the installation site, it is advisable to condition the AFB over a period of at least 24 hours.
- Stored properly, the blocks remain usable for a prolonged period without loss of performance.

3. Installation

3.1 Site preparation

The installation surface must be swept clean, free of oil, grease and other dirt and must not have any sharp edges. Recommended flatness of the base slab is -10 mm over a 2m straightedge. Point-shaped elevations, formed surfaces could lead to uneven load distribution and structural damages of the floating floor.

3.2 Vapour barrier (optional)

Place a suitable vapour barrier where needed.

3.3 Perimeter strips



Fix insulation strip along all walls and around rising vertical elements. The insulation strip must be higher than the total build-up and be visible throughout the entire construction until the final step. Seal joints vertical with tape.

3.4 Layout and grid



Use a chalk line or laser to create gridlines according to the installation plan, respecting the designed interdistances, for the placement of the AFB.

3.5.a Acoustic Floor Blocks (direct installation)



Place the AFB by type according to the installation plan.

Optional: Commercially available adhesives can be used to prevent the floor blocks from moving during installation.

3.5.b Acoustic Floor Blocks - installation in channels



Dry lining metal channels, such as CD 60/27 profiles, may be used to speed up installation. The recommended internal channel width is ≥ 52 mm to ensure proper fitting of the AFB. The flange height must never exceed 30 mm to prevent sound bridges under load. Avoid permanent contact of sharp channel edges that may damage the AFB over time.

Place the AFB inside the metal channels according to the installation plan, ensuring the specified spacing is maintained throughout the installation.



Position the channels with the AFB facing downward on the supporting floor while also respecting the required interdistance in accordance with the installation plan.

3.6 Mineral wool (optional)



Use mineral wool between AFB to improve airborne sound insulation. Lightweight mineral wool with a density $\leq 25\text{-}30\text{ kg/m}^3$ and thickness $\leq 40\text{ mm}$ is recommended.

3.7 Lost formwork



Install lost formwork (such as OSB, plywood, or steel plate) over the AFB or the metal channels. Panel joints should be supported by the AFB or channel at least 20 mm into the panel and mechanically joined together where required. The length of the fasteners used for the joining mechanism must not exceed the thickness of the formwork. After panel installation, verify that the perimeter strip is still visible and not compressed. Ensure no panel is in direct contact with the wall or any vertical elements.

3.8 PE foil (optional)



Lay down the PE foils on the lost formwork, with a sheet overlap of at least 20 cm, and run up on rising vertical elements. Seal joints with tape.

3.9 Underfloor heating and cooling (optional)



Underfloor heating and cooling systems may be installed above the lost formwork in accordance with the manufacturer's recommendations. Fixation systems such as staples, clips, or rails may be used, provided that their length does not exceed the thickness of the lost formwork.

3.10 Screed



Install the screed, slab or boards following the manufacturer guideline.

3.11 Floor finishes



Install the floor finish and the skirting boards.
Afterwards, remove the rising insulation strip and PE foil.

Caution: Any rigid connection between the vertical wall/ plinths/skirtings and the floor finishes will cause sound bridges and must be avoided!

4. Lifetime and recycling

Acoustic Floor Blocks are products made of durable elastomers. During refurbishment or deconstruction, the blocks can be removed and, subject to their condition, reused or recycled either mechanically or thermally.

Waste generated during installation can be disposed of for recycling via standard plastic waste containers. None of our materials pose any environmental hazards.

5. Disclaimer

This installation guideline is only intended to support and advise customers and their contractors during the installation of Getzner Acoustic Floor Blocks. Getzner Werkstoffe outlines therein known requirements and challenges. This installation guideline has been prepared with the utmost care. However, due to the wide range of different construction methods and requirements, Getzner Werkstoffe cannot assume any liability for the completeness of the installation guideline. In particular, Getzner Werkstoffe is not responsible for the correct installation of Getzner's Acoustic Floor Blocks. In the event of an incorrect installation, Getzner Werkstoffe is not liable for any negative effects on the properties / quality of Getzner's Acoustic Floor Blocks or their performance.

It is strongly recommended that the installation is carried out by a professional / expert. All other rights are reserved. Disclosure to third parties is expressly prohibited.