

# Miofoam®

## SOUND ABSORPTION

**Miofoam® Sound Absorption is a sound-absorbing and thermally insulating product made from partially recycled polyester fibers with fire-safe and heat-resistant properties. Miofoam® Sound Absorption is environmentally friendly, durable and versatile as an excellent alternative to glass wool, rock wool and PU foam. Miofoam® Sound Absorption is available in a set of 2 flat black sheets with straight edges.**

### Application

Miofoam® Sound Absorption is applicable in ceilings and walls. Miofoam® Sound Absorption has a versatile field of application due to its high-quality technical properties. Due to its excellent sound-absorbing and thermal insulation properties, it is already widely used in industry and construction, for example as an alternative to glass and stone wool. Miofoam® Sound Absorption is suitable for improving acoustics in "hard" spaces such as offices, classrooms, studios, stores, meeting rooms and daycare centers. Other application areas are: Sound-absorbing ceilings, ventilation units, interior construction, vehicles, machine and equipment construction and the office furniture industry. The Deutsches Institut für Bautechnik has approved the material for use in construction. Miofoam® Sound Absorption features absorption class D.

### Benefits

- ✓ Fire safe (Fire class B-s2,d0)
- ✓ Hypoallergenic
- ✓ Ecological
- ✓ 100% recyclable
- ✓ UV-resistant
- ✓ Moisture and heat resistant: -30 °C to 120 °C
- ✓ Highly dimensionally stable and elastic
- ✓ Density: approx. 20 kg/m<sup>3</sup>
- ✓ Resistant to many chemicals, mold and pests
- ✓ D20/25 mm: NRC = 0.45;  $\alpha_w$  = 0.45 (absorption class D)

Description	Width	Length	Article no.	EAN code	Quantity
Miofoam® Sound absorption	1,20 m	50 cm	8612005000	8714672999914	72 set / pallet



### Specifications

Density <b>20 kg / m<sup>3</sup></b>	Thickness <b>25 mm</b>
Absorption Class <b>D</b>	Sound absorption <b>NRC = 0,45; <math>\alpha_w</math> = 0,45</b>
Moisture absorption <b>U<sub>m</sub> 1,02 % DIN</b>	Thermal insulation values <b><math>\lambda</math> = 0,040 W/m-K</b>
Temperature resistance <b>-30 °C tot + 120 °C</b>	Fire class <b>B-s2, d0</b>



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### Installation

You can easily cut Miofoam® Sound Absorption to size with a sharp ceramic knife. Miofoam® Sound Absorption is mounted with the soft side against the substrate so that the solid side becomes the visible side. Use VASTR® Seal pro on the edges and press the material firmly where the tape is attached.

### Associated products

**MG VASTR®**

Seal Pro



**MG VASTR®**

Double-sided tape



Description	Width	Length	Article no.	EAN code	Quantity
VASTR® Seal Pro	10 mm	12 m	8101001200	8714672999945	10 roll / box
VASTR® Double-sided tape	25 mm	50 m	8102505000	8714672003604	36 roll / box



### Membrane guide

Do you need advice on which membrane to use for your project? Find the most suitable product in just one minute with our membrane guide. Scan the QR code with the camera of your smartphone and find out which product you need.

All our products are intended exclusively as building or construction materials. Therefore, the user of our products is expected to be familiar with the basic principles of building physics, the regionally applicable building standards and the official national building regulations. Meuwissen Gerritsen B.V. and/or our employees are not liable for any damage resulting from (careless or incorrect) use of our products.



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