



Technical Data Sheet **Bauter FLOOR**

Scope of application

Bauter FLOOR is a thermal and waterproofing material, perfect for insulating floor, wall and ceiling surfaces. It is often used under heating systems such as underfloor heating. It can be used, for example, under heating mats or heating panels, while providing protection against moisture.

Bauter FLOOR is used in the insulation of foundations, constituting an effective barrier, both thermal and waterproofing.

BAUTER FLOOR is a product for external and internal applications:

- provides exceptional thermal insulation despite the thin layer of the product
- creates an effective thermal barrier, which translates into reduced energy consumption for heating and speeds up the floor heating process
- acts as an effective waterproofing barrier, protecting against the negative effects of moisture
 - shows significant durability of the coating
 - has good adhesion to porous substrates, guaranteeing solid adhesion
- coating harmoniously harmonizing with the surroundings and the natural environment
 - is characterized by a low content of volatile organic compounds (VOCs)



Temperature under control

- reduces heat loss
- seals the substrate
- gives the effect of a warm floor



Waterproof barrier

- moisture does not penetrate
- pleasantly dry

Technical parameters

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| • density 20°C: | 0,40-0,45 g/cm³ | • coating: | homogeneous white or gray in color |
| • dry matter content: | up to 80% | • efficiency with two applications: | 0,5-1 m²/l |
| • dry film thickness: | 1,00mm-2,00mm | • water vapor permeability SD: | <0,7m |



Bauter FLOOR

Substrate preparation:

The substrate must be clean, dry and free of loose particles such as dust, sand or paint residues.

Remove any traces of oil, grease, wax or other substances that may impair adhesion. For porous substrates such as concrete, brick or plaster, an absorption test is recommended. If the substrate is too absorbent, it is recommended to use a primer.

We use Primer Bauter INSIDE for interiors and Primer Bauter OUTSIDE for exteriors. After the primer dries, you can proceed to apply the Bauter FLOOR coating using the Marsjan or Hornet hybrid unit. Any cracks, holes or irregularities in the substrate should be filled with a suitable repair material and allowed to dry before applying Bauter FLOOR. If the substrate is uneven, it is recommended to level it with an appropriate tool, in accordance with the construction art.

Once the substrate has been prepared, it is recommended to wait a reasonable amount of time, typically 24 hours, to ensure the substrate is fully dry and cured before applying Bauter FLOOR.

Application:



Before applying the coating, it is important to thoroughly mix the contents of the container.

To obtain a final coating thickness of 1-2mm, apply at least two coats of the product, each up to 1mm thick.

After min. 6 hours after applying the first layer, you can start applying the second layer.

The drying time of the coating depends on the ambient temperature and humidity. To obtain excellent parameters of the thermal insulation coating, it is recommended to observe the temperature in the range of 15-35 ° C and air humidity of up to 70%.

Tool cleaning:

Clean the device in accordance with the device's technical data sheet.

Additional information:



When applying 2-3 layers, the efficiency of the product is 0.5 - 1m²/l. During application, observe the general health and safety rules contained in the safety data sheet and prevent children from staying within the work area.



The product is sensitive to low temperatures and should be stored at **temperatures between +5 °C and +25 °C** in places protected from sunlight.



Bauter FLOOR can be stored for 24 months from the date of production, provided that appropriate storage conditions and tightness of the packaging are maintained. The product is friendly to the environment and the environment.