

TECHNICAL DATA SHEET - SYSTEM FLOOR

Scope of Application

FLOOR is a ready-to-use product, intended as a material for insulating floor surfaces for heating installations (underfloor heating). Examples of application areas: for heating mats, heating panels, etc.

Performance Parameters

- Environmentally friendly product
- Excellent thermal insulation in a thin coating
- Creates a thermal barrier, which turns into energy saving consumption for heating or cooling
- Easy to apply
- Very durable
- Coats with good variable diffusion
- Low VOC content

Product Characteristics

Properties	Technical Parameters
Volume solids	80-85%
Density at 20°C	0,45-0,60 g/cm ³
Application temperature	+15°C
Coat thickness	0,50mm up to 3mm
Thermal conductivity λ	< 0,03 W/mK
First coat drying time	6 hours
Water vapor permeability SD	<0,7m

Surface Preparation

All the surfaces to be coated should be in sound condition, clean, dry, without cracks or algae and therefore clean them thoroughly with a high pressure cleaner prior to application. After drying, fill in cracks or holes and apply an acrylic primer, produced by our company.

Application

To achieve the minimum coverage, it is recommended to use a minimum of two layers. Carry out the work at the temperature of the substrate and ambient temperature from + 15°C to + 40°C, mix thoroughly before application. The thickness of the first layer is 0.50 mm, the subsequent layers should be applied up to a maximum of 3.00 mm to obtain adequate insulation. Apply the second layer about 6 hours after applying the first layer. Apply with a hybrid spray gun enabling a relatively smooth layer of the coating on the surface. After completing the work, wash the tool with water in accordance with the recommendations of the tool's manufacturer.

Additional Information

The product is sensitive to low temperatures and should be stored away from direct sunlight at temperatures between +5°C and +25°C. Shelf life of the product is 12 months from the production date if stored and sealed properly. The VOC content complies with the UE directive 2004/42 FE130g/l from 2010. The product VOC content is 20 grams per litre.