



DESCRIPTION

- **MS Floor** is a light self-leveling floor for basements and moisture-exposed floor surfaces.

ADVANTAGES

- Lightweight
- Pumpable
- Chemically and mechanically resistant
- Easy to apply
- Very high adhesion

FIELD OF USE

MS Floor is a cement-epoxy resin combination system for the creation of subfloors in moisture-exposed areas and basements.

PRODUCT INFORMATION

Layer thickness	0,5 - 50 mm
Packaging	Powder: 13 kg bag ; 60 x 13 kg pallet Resin: 2,8 kg can Hardener: 2,8 kg can ; 60 x 5,6 kg pallet
Storage and shelf life	Store in frost free and dry conditions. Protect from rain, condensation and high humidity. If stored in an unopened bag and in a dry place, the product will keep for approx. 12 months.
Consumption	+/- 6 kg per m ² with 5 mm thickness
Working time (+20°C)	Approx. 30 minutes

MS Floor

TECHNICAL DATA

Dry mortar density	1,0 kg/L
Walkable	After approx. 3 days at 20°C
Fully loadable	After approx. 7 days at 20°C
Ready for covering (5 mm at 20°C)	After approx. 7 days (CM measurement recommended)
Compressive strength after 28 days	> 20 N/mm ²
Bending tensile strength after 28 days	> 5 N/mm ²
Abrasion resistance according to Böhme	16,2 cm ³ / 50 cm ²
Surface hardness	32 N/mm ²

APPLICATION

PREPARATION OF SURFACE

All mineral, load-bearing substrates are suitable. The substrates must be free from oils, fats, solvents, dust, and other adhesion-reducing or loose components and must be treated with **MS Floor Primer**.

The suitability and condition of the substrate must always be checked before applying **MS Floor**.

Discuss differing substrates with the manufacturer.

MIX AND APPLY MS Floor

The resin-hardener system consisting of **MS Floor resin** and **MS Floor hardener** is pre-mixed in a separate clean container using a slow-running mixer (approx. 400 rpm).

The powder component of **MS Floor** is added to the prepared resin/hardener mixture and stirred for approximately 2-3 minutes until a knot-free consistency is achieved.

When mixing, ensure that powder residues on the walls and corners of the mixing container are incorporated. Stir until a lump-free, homogeneous mass is achieved. Mixing time: approx. 3 minutes.

Over-watering the material by adding water can result in surface foaming as well as the floating of lightweight fillers and must be avoided!

Application of **MS Floor** is done using a trowel or float in a spatula method. Air inclusions must be avoided. High temperatures shorten the processing time, while lower temperatures extend it.

After application, **MS Floor** must be protected from direct sunlight, heat, and draught for at least 24 hours.

Temperature conditions:

Between +5°C to max 30°C

MS Floor

TRANSPORT

Hazardous material

TOOLS

Mixer (>1000 W, approx. 400 rpm), smoothing trowel, levelling trowel

SAFETY

Wear a dust mask (particle filter P2), appropriate gloves and protective goggles. For additional information regarding the safety considerations associated with handling, transporting, storing, and disposing of the materials, we recommend consulting our Safety Data Sheet.

Legal notice :

Please be advised that the information and data provided are given in good faith based on our current knowledge, laboratory calculations and real-life experiences, serving as general guidelines. They are not binding principles and may not cover every individual case due to diverse working conditions, materials, and construction sites. For this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. Our products and their usage are described in a general context, and it is recommended to conduct tests or consult with us if there are any doubts. Unless we explicitly provide written assurance regarding the product's suitability for a contractually stipulated intended use, any technical advice or instruction is non-binding. All orders are accepted subject to our current terms of sale and delivery.

