



DESCRIPTION

MS 111 is a pressure-waterproof, rapid-setting mortar for building sealing and repair application areas.

ADVANTAGES

- Smooth application
- No cracking with larger layer thickness
- Waterproof at a limited layer thickness
- Sprayable

FIELD OF USE

MS 111 is a high-strength, rigid sealing mortar for pressure-waterproof sealing of structures in both interior and exterior areas, such as plinths, basement interior sealing, and reprofiling of concrete, brick, and mortar breakouts.

MS 111 is also suitable for pre-damaged, salt-loaded substrates made of concrete, brick, or sand-lime brick and is waterproof against negatively pressing water.

PRODUCT INFORMATION

Water requirement

4,2 – 4,8 L / kg MS 111

Packaging

25 kg bags; 42 x 25 kg pallet

Storage and shelf life

Store in dry conditions.
If stored in an unopened bag and in a dry place, the product will keep for approx. 12 months.

Consumption

About 1,8 kg/m²/mm

Working time (20°C)

About 30 minutes

MS 111

TECHNICAL DATA	
Density	1,8 kg/L
Load-bearing capacity	After 16 hours
Compressive strength	> 25 N/mm ² after 28 days
Bending tensile strength	> 7 N/mm ² after 28 days

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 110 . For other substrates, consult the manufacturer.	
MIX AND APPLY MS 111 MS 111 is mixed with clean water. The water quantity is approximately 3.5 - 4.0 liters per 25 kg bag. Add the water to a clean mixing container and slowly introduce the powder into the water while continuously stirring. A slow-rotating mixer (over 1000 W, approximately 400 RPM) with an appropriate stirring rod is recommended. Mix until a lump-free, homogeneous mass is achieved. Mixing time: approximately 3 minutes. The application is carried out using a trowel or float in the spatula method. Avoid air inclusions. Temperature conditions: Between +5°C to max 30°C Important Notes All specified values and consumption figures were determined under laboratory conditions. Different values may result when processing on the construction site. High temperatures shorten the working time, while lower temperatures extend it. The minimum specified processing temperature must be adhered to. No additional materials should be added, and mixing ratios should not be altered!	

MS 111

TRANSPORT

Non-hazardous material

TOOLS

Mixer (> 1000W, approx. 400 rpm), 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.

