



DESCRIPTION

- **MS 112** is a crystallizing coating for sealing against ground moisture, non-pressing and pressing water, as well as for sealing against negatively pressing water.
- **MS 112** has high compressive and flexural tensile strength and is sulfate-resistant.

ADVANTAGES

- Forms a structural bond with mineral substrates
- Sprayable
- Resistant to harmful building salt
- Usable under positive and negative water pressure

FIELD OF USE

**MS 112** is used for surface sealing of walls and floors in new construction and the repair of concrete and masonry surfaces. And is also suitable for exterior basement sealing.

PRODUCT INFORMATION

Water requirement

5,6 – 6,4 L / kg MS 112

Packaging

20 kg bag; 48 x 20 kg pallet

Storage and shelf life

Store in 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

2 applications of 1,5 kg / m<sup>2</sup>

Working time (+20°C)

About 90 minutes

MS 112

| TECHNICAL DATA                                 |                         |
|------------------------------------------------|-------------------------|
| Density                                        | 1,60 kg/L               |
| Flexural strength (7 days)                     | > 3 N/mm <sup>2</sup>   |
| Compressive strength (7 days)                  | > 20 N/mm <sup>2</sup>  |
| Flexural strength (28 days)                    | > 5 N/mm <sup>2</sup>   |
| Compressive strength (28 days)                 | > 25 N/mm <sup>2</sup>  |
| Adhesive tensile strength (concrete) (28 days) | > 1,5 N/mm <sup>2</sup> |

| APPLICATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <p><b>PREPARATION OF SURFACE</b></p> <p>The mineral substrate must be clean, load-bearing, and free from separating components. Absorbent dry substrates should be pre-wetted to pore saturation (avoid puddle formation). Salt-damaged substrates should be prepared with <b>MS 110</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>MIX AND APPLY MS 112</b></p> <p><b>MS 112</b> is mixed with approximately 5,6 – 6,4 liters of water per 20 kg sack. The water is placed in a clean mixing container, and the powder is added while stirring with a slowly running mixer (approx. 400 RPM). This mixing ratio results in a tough plastic consistency of the <b>MS 112</b>.</p> <p>The application is done with a brush. <b>MS 112</b> is applied in two layers with a consumption of approximately 1,5 kg/m<sup>2</sup> per coat as described below.</p> <p>When applied outdoors, <b>MS 112</b> must be protected from premature drying, e.g., by covering.</p> <p>The equipment is cleaned with water</p> <p><b>Temperature conditions:</b><br/>Between +5°C to max 30°C</p> |

MS 112

TRANSPORT

Non-hazardous material

TOOLS

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

SAFETY

Wear a dust mask (particle filter P2) and appropriate gloves. 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.

