



SUIPA MS 112

MS Polymer-Based Liquid Waterproofing Material

PRODUCT DESCRIPTION

SUIPA MS 112 is a single-component, MS polymer-based, hybrid water. It is a flexible, UV-resistant waterproofing substance that effectively bridges cracks up to 5 mm when fully cured.

APPLICATIONS

- Roofs and terraces
- Insulation of roof drains and rain gutters
- Waterproofing of areas including bathrooms, kitchens, and balconies (beneath cladding)
- In expansion joints
- Metal roofing and sandwich panel cladding
- As a protective layer for the application of polyurethane thermal insulation foam

FEATURES

- Applicable on slightly damp and dry surfaces.
- Resistant to ultraviolet effects.
- Ready for use.
- Simple to apply and self-leveling.
- Highly elastic.
- Upon full curing, it can bridge cracks up to 5 mm.
- Can be applied using a brush, roller, trowel, or appropriate spraying equipment.
- Offers excellent adhesion to the surface.
- Environmentally friendly; free from bitumen, isocyanate, and solvents.

APPLICATION PROCEDURE

Surface preparation: The surface to be treated must be stable and free of contaminants.

All residues, including oil, paraffin, bitumen, and others that may hinder adhesion to the surface, must be eliminated, along with any loose particles such as mortar and plaster. Any standing water on the surface must be removed. If the existing surface is concrete, it should be a minimum of 28 days old. Damaged surfaces must be restored using suitable repair mortars, and corner joints should be chamfered to approximately 4x4 cm. Metal surfaces must be cleaned using techniques such as sandblasting.

Mixing formulation: SUIPA MS 112 single-component and ready for use

It is a product. To attain a homogeneous mixture, it is essential to ensure that the product temperature does not exceed 15°C. Prior to application, the material should be blended using a low-speed mixer (300-400 rpm) and the suitable nozzle until a uniform consistency is achieved.

Application: SUIPA MS 112 is prepared for use. Roller, brush.

It should be applied uniformly to the surface in one or two coats using a trowel or spatula. The second coat must be applied only after the first coat has fully dried. For extensive areas and professional applications, it can be sprayed with an airless pump, resulting in considerable labor savings. In locations such as repaired cracks, wall-floor connections, 90° angles, and chimney and pipe joints, it is advisable to apply a dobbie fabric between the two coats.

TECHNICAL SPECIFICATIONS

Chemical Structure	MS Polymer
Density (g/m ³)	1.44 (ASTM D1875)
Color	Grey / White
Viscosity	15000 mPas
Crack Bridging	up to 5 mm
Hardness (Shore A)	40 EN ISO 868
Tensile Strength	≥ 0.9 N/mm ² (DIN 53504)
Waiting Time Between Coats	8-24 hours
Application Temperature	+5 °C to +35 °C
Service Temperature	-25 °C to +80 °C

CONSUMPTION

1 mm thickness 1,300 – 1,500 kg/m²

AMBAL A J

14 kg Bucket (containing 2 pieces of 7 kg Aluminum Foil)

COLOUR

Gray – Ivory

STORAGE

It should be safeguarded against adverse weather conditions.
- Store in a dry, cool, and enclosed environment (between +10 °C and +25 °C).

The opened and mixed product should be consumed promptly.

SHELF LIFE

It has a shelf life of 12 months when stored in its unopened packaging in dry locations at a minimum temperature of +5 °C.

WARNINGS

- For applications conducted in enclosed spaces, the environment must be adequately ventilated.
- In cold conditions, the packaging should be stored for a minimum of 24 hours at a temperature no lower than +15°C prior to application.
- Following application, the surface must be safeguarded against water, rain, dew, snow, hail, frost, and similar weather conditions until it is entirely dry.
- Avoid proximity to open flames and refrain from smoking during application.
- Employ gloves, goggles, and protective attire.
- In the event of skin contact, cleanse with soap and copious amounts of water.
- Do not ingest, do not repurpose empty packaging for food storage, and do not incinerate.
- For professional use only; keep out of children's reach.