

TECHNO KRAFT MS POLYMER

**MS Polymer-Based,
Liquid Waterproofing Material.**

PRODUCT DESCRIPTION

TECHNO KRAFT MS POLYMER is a single-component, MS polymer-based, hybrid waterproofing material. Once fully cured, it forms an elastic, UV-resistant waterproofing material capable of bridging cracks up to 5 mm.

PROPERTIES

- Lightweight Moisture and dry surfaces.
- Resistant to UV effects.
- Ready to use.
- Application is easy, self-spreading.
- Highly elastic.
- When fully cured, it has the ability to bridge cracks up to 5 mm.
- Can be applied using a brush, roller, trowel, and suitable spray machine.
- Provides excellent adhesion to the applied surface.
- Environmentally friendly ; Bitumen, isocyanate and solvent-free.

APPLICATION AREAS

- Roofs and terraces,
- Roof gutters and rain gutter insulation,
- Waterproofing of areas such as bathrooms, kitchens, and balconies (under the coating),
- Expansion joints
- Metal roofs and sandwich panel cladding,
- as a protective layer for polyurethane thermal insulation foam application,

METHOD OF USE

Surface preparation:

The surface to be treated must be sound and clean. It must be free of any oil, paraffin, bitumen, etc. that may prevent adhesion, and all loose mortar, plaster, etc. must be removed. Any standing water must be removed from the surface. If the existing surface is concrete, it must be at least 28 days old. Damaged surfaces must be repaired with suitable repair mortar, and chamfers must be made at the edges and corners (approx. 4x4 cm). Metal surfaces must be cleaned using methods such as sandblasting.

Mixing Form

TECHNO KRAFT MS POLYMER is a single-component, ready-to-use product. To ensure a homogeneous mixture, the product temperature must not be below 15°C. The material must be mixed using a low-speed mixer (300-400 rpm) with an appropriate nozzle until it achieves a homogeneous consistency before application.

Application:

TECHNO KRAFT MS POLYMER is ready for use. It should be applied evenly to the surface in one or two coats using a roller, brush or trowel. The second coat should be applied after the first coat has completely dried. For large areas and professional applications, it can be sprayed using an airless pump, thereby saving significant manpower. In areas such as repaired cracks, wall-floor joints, 90° angles, chimney and pipe connections, etc., it is recommended to apply a reinforcing fabric between the two coats.

CONSUMPTION

1 mm thickness 1,300 – 1,500 kg/m²

PACKAGING

14 kg bucket

COLOUR

Grey – White

STORAGE / SHELF LIFE

- Protect from adverse weather conditions.
- Store in a dry, cool, closed environment (+ 10°C to +25°C).
- Once opened and mixed, the product should be consumed immediately.
- Unopened packaging, stored in a dry place at a minimum temperature of +5 °C, has a shelf life of 9 months.

CLEANING OF EQUIPMENT

The tools, solvent and . If the material has dried, it is cleaned mechanically.

SAFETY

WARNINGS

- Closed areas applications the environment should be well ventilated.
- In cold weather, packaging must be stored for at least 24 hours at a minimum temperature of +15°C prior to application.
- After application, the surface must be protected from water, rain, dew, snow, hail, frost, and similar environmental effects until it is completely dry.
- Do not approach with open flames and do not smoke during application.
- Wear gloves, goggles and protective clothing.
- If it comes into contact with skin, wash with soap and plenty of water.
- Do not swallow, do not use empty containers for storing food, and do not throw them into fire.
- For professional use only, keep out of reach of children.

Users should refer to the latest Material Safety Data Sheets, which include physical, ecological, toxicological and other safety-related data, for information and advice on the safe transport, storage and disposal of chemical products.

TECHNICAL SPECIFICATIONS

Feature	Value	Standard
Chemical Composition	MS Polymer	
Density (g/cm ³)	1.44	(ASTM D1875)
Colour	Grey / White	
Viscosity	10,000–18,000 cPs	
Crack Bridging	Up to 5 mm	
Hardness (Shore A)	25–35	EN ISO 868
Tensile Strength	≥ 0.9 N/mm ²	(DIN 53504)
Intercoat Drying Time	+ 23 °C min 8 hours	+ –10 °C , min. 24 hours
Application Temperature	+ 5 °C to + 35 °C	
Service Temperature	-25 °C to + 80 °C	

LEGAL NOTICE

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