

SEALCOAT ELASTIC

Polymer Modified Flexible Cementitious Waterproofing Slurry

Description

SEALCOAT ELASTIC is a two-component, polymer-modified flexible cementitious waterproofing slurry designed for waterproofing and damp-proofing concrete and masonry substrates. It provides excellent adhesion to sound substrates and forms a flexible protective barrier while allowing the substrate to breathe.

Uses

SEALCOAT ELASTIC is suitable for use in the following areas:

- Bathrooms
- Kitchens
- Planter boxes
- Retaining walls
- Concrete gutters
- Reservoirs
- Water tanks
- Basement and below-grade damp-proofing applications

Advantage

- Flexible coating with thermal expansion characteristics like concrete
- Excellent adhesion to concrete and masonry surfaces
- Non-toxic after curing
- Easy brush or roller application
- Self-curing properties
- Allows concrete to breathe and helps reduce water vapor build-up
- Suitable for internal and external waterproofing applications
- Cost-effective and labor-saving system

Product Information

Appearance	Grayish
Specific Gravity	1.6 – 1.8
Flash Point	Non Flammable
Drying Time	1-3 hours Depending on humidity

Cured Properties

Water Permeability	1.2 gm/m ² /24 hours
Adhesion to Substrate	> 1 N/mm ²
Water Absorption (EN 1062-3)	≤ 0.1 kg/m ² •h ^{0.5}
Water Penetration (EN 14891)	No penetration at 1.5 bar
Crack bridging capability	0.3mm

Typical values obtained under laboratory conditions. Actual performance may vary depending on substrate condition, site application, and curing environment.

Substrate Preparation

All surfaces must be structurally sound, clean, and free from dust, oil, grease, laitance, curing compounds, mould release agents, loose particles, and other contaminants. Surface preparation should be carried out by suitable mechanical means such as:

- Wet grit blasting
- High-pressure water jetting (approximately 150 bar)
- Other effective mechanical preparation methods

All sharp projections, fins, and loose materials must be removed prior to application.

Mixing

SEALCOAT ELASTIC is supplied as a two-component system in pre-proportioned packs.

Mixing procedure:

1. Stir Component B thoroughly for 2–3 minutes.
2. Slowly add the entire Component A into Component B.
3. Mix both components using a suitable low-speed electric mixer for approximately 2 minutes until a homogeneous, lump-free consistency is achieved.

Application

SEALCOAT ELASTIC may be applied by brush or roller.

Recommended application:

- Apply the first coat at approximately 1.0 kg/m² and ensure the material is worked well into the substrate.
- Allow the first coat to dry.
- Apply the second coat at approximately 1.0 kg/m² over the dry first coat.

Total recommended coverage:

- 2.0 kg/m² in two coats

Curing and Drying

Drying normally takes about 1 day, depending on ambient temperature, humidity, and ventilation. A practical field check may be carried out by pressing the thumb lightly onto the surface and twisting gently. If the surface returns to its original condition without sticking or breaking, the coating is considered dry.

Packaging

Part A : 21.25 kg bag

Part B : 10kg pail

Storage

Store in a dry, shaded, and covered area in unopened original packaging. Protect from moisture and direct sunlight.

Shelf-life

12 months from the date of manufacture when stored in unopened original packaging under proper conditions. Once opened, the material should be used as soon as possible.

Limitation

- Do not apply on unsound or contaminated substrates.
- Do not apply under standing water or where negative site conditions may affect adhesion or curing.
- Drying and curing times will vary depending on site temperature, humidity, and ventilation.
 - For best performance, applications should be carried out on properly prepared surfaces by trained personnel.

Health & Safety

Avoid contact with skin and eyes. Wear suitable gloves, eye protection, and protective clothing during handling and application. In case of contact with eyes, rinse immediately with clean water and seek medical attention if irritation persists. Refer to the latest Safety Data Sheet for full health and safety information.

Additional Information

Topcrete manufactures and offers a wide range of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spelled concrete are available.

Warranty

Topkrete Sdn Bhd warrants that the products manufactured by it shall be free from material defects and will conform to formulation standards and contain all components in their proper proportion. Should any of the products be proven defective, the liability to TOPKRETE SDN BHD shall be limited to replacement of the material proven to be defective, and TOPKRETE SDN BHD shall in no case be liable otherwise or for incidental or consequential damages. **TOPKRETE SDN BHD MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.** User shall determine the suitability of the product for its intended use and assume all risks and liability in connection therewith.

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