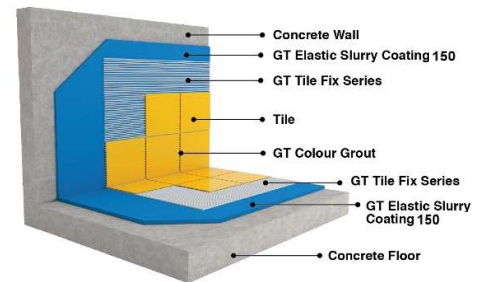


PRODUCT DATA SHEET

GT Elastic Slurry Coating 150

(Polymerized Cementitious Semi-Flexible Waterproofing Slurry)



A two component, semi-flexible, polymerized cementitious waterproofing slurry for interior & exterior waterproofing applications

Description

- GT Elastic Slurry Coating 150 is a semi-flexible, two-component latex polymerized waterproofing cementitious coating
- Engineered for providing flexibility and tensile properties to withstand tensile stress induced from thermal movement of other building elements
- Suitable for protecting concrete and mortar to prevent water infiltration from both positive and negative sides
- GT Elastic Slurry Coating 150 is engineered for bridging minor cracks and improving anti-carbonation performance

Uses

- Suitable for application on both the positive and negative sides of substrates exposed to water
- Suitable for waterproofing walls & floors in wet areas such as washroom, kitchen, balcony and terrace
- Waterproofing on concrete, lightweight blocks, pre-cast concrete
- Suitable for waterproofing minor cracks and capillaries

Characteristics & Benefits

- Two-component formulation with consistent mixing ratios
- Easy to apply by brush or thin trowel application
- Excellent adhesion to cementitious materials
- Prevents water penetration
- Non-toxic
- Very low VOC content and complied with Air Pollution Control Regulation in Hong Kong
- Complied with American, German & Hong Kong Standards
- Compatible with GT Screed & Render Series Products

Complied Standards

- American Standard: ASTM D412
- German Standard: DIN 1048
- Hong Kong Standard: HKHA GS Section 23

Technical Data

	Part A	Part B
Packaging (Large Pack)	25KG Powder	12.5KG Liquid
Packaging (Small Pack)	10KG Powder	5KG Liquid
Colour	Grey	Milky white
Component	Portland cement, fine sand, filler and other chemical additives	Liquid Polymer
Max. aggregate size	0.3mm	
Mixing ratio	25KG Powder/12.5KG Liquid or 10KG Powder/5KG Liquid	
Density	1.4 Kg/L (wet)	
Pot life	Approx. 2 hours	
Thickness	Approx. 1.5 mm in 2 coats	
Coverage Rate	1 Kg/m ² /coat; apply two coats	
Theoretical consumption	15m ² /Large Pack or 7.5m ² /Small Pack	

Physical Properties

Test	Test Standard	HKHA Requirement	GT Elastic Slurry Coating 150 Typical Performance
Drying Time	Foot trafficable	< 24 hours	less than 12 hours
Tensile Strength	ASTM D412		~ 1.5 MPa
Elongation	ASTM D412	> 50%	~ 100%
Bond Strength	HKHA MTS Specification, Part D Clause 2.1.14	> 0.5 MPa	~ 1 MPa
Water Permeability	DIN 1048 - 0.5MPa Water Pressure	No Water Penetration	No Water Penetration
VOC	USEPA Method 24	< 10 g/L	< 10 g/L

Unless specified, all technical data represent average values and are based on 28 days curing time.

The provided physical data are derived from laboratory tests. Actual in situ material performance on-site may vary due to environmental and workmanship conditions beyond the manufacturer's control

Substrate Preparation

Ensure the substrate is thoroughly cleaned, structurally sound and accurately level to meet specified tolerances. It should be free from any form of contamination, loose particles, grease, lacquer, plastics or remnants of foreign materials.

Dampen the substrate with clean water before applying and ensure any excess water to drain away.

Mixing & Application

For large pack of GT Elastic Slurry Coating 150, pour the entire contents of one GT Elastic Slurry Coating 150 admixture container (12.5KG) into a bucket or another appropriate mixing vessel. For small pack of GT Elastic Slurry Coating 150, pour the entire contents of GT Elastic Slurry Coating 150 admixture container (5KG) into the pail come with the packaging. Stir the admixture gently with an electric mixer.

Gradually introduce the entire contents of dry-mix powder component into the admixture, avoiding lump formation. Mix for 4-5 minutes for optimal material performance.

Use a roller or brush to apply GT Elastic Slurry Coating 150 with coverage rate 1 KG/m²/coat.

Ensure the first layer of GT Elastic Slurry Coating 150 is given around 1 hour to dry before applying the second coat.

Please refer GT Elastic Slurry Coating 150's method statement for comprehensive procedures in detail.

Curing

GT Elastic Slurry Coating 150 requires only natural air curing. The water leakage test can be initiated after 4 days of curing.

Health & Safety

It is recommended to use a NOISH-approved or equivalent particulate face mask when mixing the material.

The material composition contains cement, which may cause an allergic reaction.

Exercise caution, as the material could cause irritation to the eyes and skin. In the event of eye contact, rinse immediately with ample water and seek medical attention. Should skin contact occur, wash thoroughly with soap and water.

Keep the product out of reach of children.

Refer to the Material Safety Data Sheet (MSDS) for comprehensive information on health, safety and proper handling procedures.

Cleaning & Disposal of Waste

For cured material, mechanical removal is suitable, while uncured material can be washed away with water.

Ensure proper disposal of waste in accordance with applicable legislation.

Legal Disclaimers

Note: The details and physical data provided in this catalog are based on our knowledge using standard testing methods and controlled environments. Results may differ under varying weather/site conditions, workmanship or substrates. As these factors are beyond our control, we cannot be held responsible for any faults or consequences that may arise. We recommend conducting comprehensive tests before the final application. Unless explicitly stated, all technical data represent average values with a curing time of 28 days. We retain the right to update or modify the contents based on new discoveries during research and development.