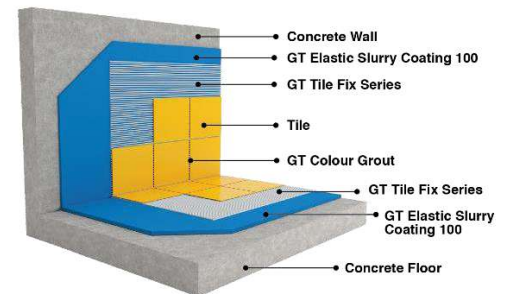


PRODUCT DATA SHEET

GT Elastic Slurry Coating 200

(High Performance Polymerized Cementitious Waterproofing Slurry)



A two component, cold liquid applied, flexible cementitious waterproofing slurry for interior & exterior waterproofing applications

Description

- GT Elastic Slurry Coating 200 is a high performance, two-component latex polymerized waterproofing cementitious coating
- Engineered for providing flexibility and elastic properties to withstand 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 200 is engineered for bridging cracks up to 2mm and enhancing anti-carbonation performance significantly

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 bathroom, kitchen, balcony, terrace, refuse storage and material recovery room
- Suitable for use in water retaining structures such as fountains, swimming pools and water tanks
- Waterproofing on concrete, lightweight blocks, pre-cast concrete

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
- British Standard: BS 1881
- German Standard: DIN 1048

Technical Data

	Part A	Part B
Packaging	25 KG Powder	18 KG Liquid
Colour	Grey	Milky white
Component	Portland cement, fine sand, filler and other chemical additives	Liquid Polymer
Max. aggregate size	0.3 mm	
Mixing ratio	25 KG Powder/18 KG Liquid	
Density	1.35 KG/L (wet)	
Pot life	Approx. 2 hours	
Thickness	Approx. 1 mm in 2 coats	
Coverage Rate	0.7 kg/m ² /coat; apply two coats	
Theoretical consumption	30 m ² / Pack	

Physical Properties

Test	Test Standard	GT Elastic Slurry Coating 200 Typical Performance
Drying time	Foot trafficable	less than 12 hours
Tensile strength	ASTM D412	~ 1.5 MPa
Elongation	ASTM D412	> 250%
Bond strength	HKHA MTS Specification, Part D Clause 2.1.14	~ 1 MPa
Water permeability	DIN 1048 - 0.5MPa Water Pressure	No Water Penetration
Initial Surface Absorption Test (ISAT)	BS 1881 - Part 5	0 ml/m ² /sec at 120 minutes
VOC	USEPA Method 24	< 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

Pour the entire contents of one GT Elastic Slurry Coating 200 admixture container into an appropriate mixing bucket. 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 200 with coverage rate 0.7 kg/m²/coat.

Ensure the first layer of GT Elastic Slurry Coating 200 is given around 1 hour to dry before applying the second coat.

Please refer GT Elastic Slurry Coating 200's method statement for comprehensive procedures in detail.

Curing

GT Elastic Slurry Coating 200 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.