

Technical Data Sheet



**GROUTMATE
PREMIUM CEMENTITIOUS
GROUT ADMIXTURE**



PREMIUM ADHESIVES & GROUTS

GROUTMATE

PREMIUM CEMENTITIOUS GROUT ADMIXTURE

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**POLYMER BASED GROUT
ADMIXTURE FOR
ENHANCED PERFORMANCES**



JKTylo Groutmate is a polymer based white liquid designed for use with JKTylo Cementitious Grouts in place of water. This admixture provides better durability, strength, water and stain resistance in the tile joints along with cementitious grouts.

Area of Application

Can be used in varied applications in interiors and exteriors, on floors and walls, in domestic and commercial areas.

Key Benefits and Features

- Easy to use
- Easy maintenance and cleaning
- Imparts flexibility and abrasion resistance
- Non-cracking and non-shrink
- Water and stain resistant
- Imparts shock resistance
- Suitable for variety of tiles, stones, marbles, granites etc.

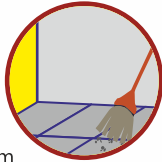
Substrates

- Ceramic tiles
- Glazed tiles
- Porcelain tiles
- Vitrified and semi-vitrified tiles
- Glass mosaic tiles
- Large format tiles
- Stones
- Granites and marbles

Application Method

1. Surface Preparation

- Make sure the tile application was done 24 hours before the application of tile grout.
- Before grouting, remove the spacers and debris from the grouting area.
- Surface must be cleaned and should be free from dirt, dust, foreign matter and standing water.



2. Mixing

- Shake the admixture bottle before use.
- Mix the Powder grout and admixture in the ratio of 3:1 (based on volume), gradually adding grout powder to admixture in a clean mixing pail.
- Mix with a slow speed stirrer to form a homogeneous, lump-free and smooth paste.
- Allow mix to settle for 3-5 minutes before use.
- Remix the paste and use within 60 - 90 minutes.



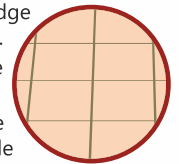
3. Application

- Use a rubber float/trowel to spread and press the grout firmly into the joints.
- Hold the float at 90° angle and pull it at 45° angle diagonally across the joints and tile to avoid pulling out the material.
- Work the grout into joints until completely filled.



4. Cleaning and Finishing

- Clean off the excess grout from tiles with the edge of grout float at 45° angle within 30-45 minutes.
- Remove remaining grout with a damp sponge or a damp towel in diagonal direction.
- When the grout joints are firm, clean the surface with sponge or cloth using JKTylo Clearmate tile cleaner or minimal water.



Technical Information

S. No.	Test Parameter	JKTylo Groutmate
1	Mixing Ratio	36-40%
2	Pot Life	80-90 Min
3	Application Temperature	28 °C
4	Light foot traffic	24 hour
5	Regular Traffic	72 hour
6	Compressive Strength, 28 days (EN 12808-3)	16 - 18 N/mm ²
	Flexural Strength, 28 days (EN 12808-3)	6 - 7 N/mm ²
	Water Absorption after 30 minutes (EN 12808-5)	1 - 2 gm
	Water Absorption after 240 minutes (EN 12808-5)	5 - 6 gm

Shelf Life: 12 months from the date of manufacturing, if stored in cool and dry place.

Precautions During Usage:

- Non-flammable, no added lead, mercury or chromium compounds.
- Keep out of reach of children and away from food and drink.
- Wash immediately in case of contact with eyes. Seek medical attention if irritation persists.
- Wash skin with soapy water to avoid harmful effects.
- May be harmful, if swallowed. In case of ingestion, seek immediate medical attention.

Disclaimer :

The company provides guarantee against defective material, but the application and usage of products are made without guarantee since the application conditions are not in its control. All products are tested under the recommended conditions of temperature $27 \pm 2^{\circ}\text{C}$ and humidity $65 \pm 5\%$. Company recommends to verify the suitability of product for intended use with the latest version of data sheet. The company may modify product data sheet without any prior notice. All technical characteristics are listed for guidance only and JK Tylo technical team may be contacted for more information.



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