

Polyglaze®

PZ TG ADMIX

LIQUID POLYMER ADDITIVE FOR CEMENTITIOUS TILE GROUT

PRODUCT DESCRIPTION

Polyglaze PZ TG Admix is a milky white, polymer based liquid additive specially designed to use with Polyglaze PZC Tile Grout Powder. It enhances grout performance by providing long lasting color retention, superior shock resistance and enhanced weather durability. It is suitable for both interior and exterior areas and compatible with a wide range of tile and stone grout applications.

ADVANTAGES

- ◆ Economical to use and easy to clean
- ◆ Increases the abrasion resistance of the grout
- ◆ Inhibits stains caused by bacteria, molds and mildew
- ◆ Reduces shrinkage and cracking
- ◆ Reduces issues related to staining and color fading
- ◆ Prevents grout damage from weathering
- ◆ Improves flexibility and durability
- ◆ Suitable for ceramic, vitrified, glass mosaic tiles and other artificial and natural stones

STANDARDS

- ◆ Conforms to : IS 17190 : 2020
- ◆ EN 13888 : 2022

APPLICATION METHODOLOGY

Surface Preparation

- ◆ Before grouting, remove spacers or any other debris.
- ◆ The surface should be clean and dry, free from dust, grease/oil and other contaminants.

Mixing

- ◆ Use approximately 400 ml of Polyglaze PZ TG Admix per 10 kg of Polyglaze PZC Tile Grout powder
- ◆ For a homogenous mix, shake the bottle of 'Polyglaze PZ TG Admix' and pour in a container and gradually add Polyglaze PZC Tile Grout powder into it
- ◆ Ensure the mix is prepared in a clean area without any mixing of water or dust
- ◆ Mixing can be done manually or with a slow-speed mixer until a smooth, creamy consistency is achieved. Additional water may be added if necessary



Grouting

- ◆ Dampen the tile surface with water
- ◆ Spread with a sharp, firm rubber grout float or blade ensuring that joints are completely filled with grout.
- ◆ Remove excess grout from the tile surface using a soft damp cloth with low hand pressure.
- ◆ Leave the joints undisturbed for 30 minutes, allowing it to dry.
- ◆ The surface will be ready for foot traffic after 24 hours

Cleaning

- ◆ Clean all tools with water immediately after completing application

PACKAGING

- ◆ Polyglaze PZ TG Admix is available in 400 ml and 5 Ltr. bottles

STORAGE & SHELF LIFE

- ◆ Store in a dry place away from moisture and sunlight
- ◆ Best before 24 months from the manufacturing date in original sealed condition

PRECAUTIONS & LIMITATIONS

- ◆ PZ TG ADMIX is non-toxic, but it is recommended to wear gloves and goggles during handling and mixing

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES

Physical Appearance	Free Flowing Liquid
Color	Milky White
Pot Life @27°C	Approx 60 minutes
Time to foot traffic	24 Hours
Joint Width	1 mm to 10 mm

PERFORMANCE PROPERTIES AS PER EN 13888 : 2022 / IS 17190 : 2020

PROPERTIES	REQUIREMENT	PZ TG ADMIX
Compressive Strength	Min. 1.5 N/mm ²	> 15 N/mm ²
Flexural Strength	Min. 2.5 N/mm ²	> 3 N/mm ²
Abrasion Test	NA	< 2.5%
Linear Shrinkage	Max. 3 mm/m	0.8 mm/m
Water absorption after 30 minutes	Max. 5 g	2.2 g
Water absorption after 240 minutes	Max. 10 g	4.1 g

COVERAGE

CONSUMPTION WILL DEPEND ON JOINT WIDTH, DEPTH AND SIZE OF TILES, CONSUMPTION CAN BE CALCULATED BY FORMULA GIVEN BELOW:

CONSUMPTION IN KG/M²

$$\begin{aligned}
 & \text{CONSUMPTION IN KG/M}^2 \\
 & = \frac{(\text{LENGTH OF TILE} + \text{WIDTH OF TILE}) \times \text{DEPTH OF JOINT} \times \text{WIDTH OF JOINT} \times \text{DENSITY}}{(\text{LENGTH OF TILE} + \text{WIDTH OF JOINT}) \times (\text{WIDTH OF TILE} + \text{WIDTH OF JOINT})}
 \end{aligned}$$

(ALL DIMENSIONS ARE IN MM)

HEALTH & SAFETY

- Use a respiratory mask and protective gloves during application.
- Clean hands with soap and water after application.
- Avoid contact with skin / eyes. In case of unlikely contact, rinse eyes immediately with plenty of clean water and cleanse skin with soap and lukewarm water. Seek medical advice if irritation occurs / persists.
- In case of unlikely swallowing, seek medical attention immediately.

Disclaimer:

The information in this TDS is for general guidance only. Specific advice for site conditions is available upon request. Details provided by the company are in good faith, when product is properly stored, handled, and applied under normal conditions. The site conditions, material compatibility, and workmanship are beyond our control, no warranties expressed or implied are given. The company accepts no liability for unsatisfactory results or consequential damages arising from product use.



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