

Polyglaze®

PZ CRACK MORTAR

PRODUCT DESCRIPTION

Polyglaze PZ Crack Mortar is a high strength, pre-mixed masonry mortar for repair works, minor plastering and for laying / finishing of AAC blocks/stones. It serve as a superior alternative to conventional cement-sand mixture in repair work. Specially formulated and polymer modified, it is easy to apply, provides excellent bonding strength, and is ideally suited for renovation and repair purpose

AREAS OF APPLICATION

- ◆ Internal walls, floors, and ceilings
- ◆ Filling cracks and wall trenches
- ◆ Stair edge repairs, panel/board fixing
- ◆ Shaping and patching broken masonry
- ◆ Minor plastering and surface correction
- ◆ Can be used with waterproofing compounds for sealing applications
- ◆ For internal cracks - Use Polyglaze PZ W Crack Mortar (White)
- ◆ For external cracks - Use Polyglaze PZ G Crack Mortar (Grey)

ADVANTAGES

- ◆ Easy Application - Can be applied using a putty knife like conventional putties
- ◆ Flexible - Accommodates minor movements in cracks
- ◆ Paintable - Can be overcoated with any polymer based paints after 24 hours
- ◆ Quick setting proprietary mortar
- ◆ Eliminates the need of curing

STANDARDS

- ◆ ASTM C 109 : 2021 / C 157 : 2017

APPLICATION METHODOLOGY

Method of Application

- ◆ Cut the crack into a V shape
- ◆ Clean the crack thoroughly to remove dust, loose particles, grease, oil, wax, polish, etc
- ◆ Ensure edges of the cracks/joints are sound and the surface is not damp
- ◆ Moisten the crack-surface before applying 'PZ Crack Mortar' Paste
- ◆ Widen fine hairline cracks to at least 1 mm before filling
- ◆ For internal crack filling - remove existing painter's putty or POP until plaster surface is exposed
- ◆ For porous surfaces - apply a primer coat of 'PZ Crack Mortar' paste & water in 1:1 ratio, then apply mortar paste when the surface is moist but not completely wet



WHITE

GREY

- ◆ Press 'PZ Crack Mortar' paste into cracks using a putty knife. Level the surface for a smooth and clean finish
- ◆ Care must be taken to avoid formation of cavities / bubbles during application
- ◆ Painter's Putty or POP can be taken up only after complete drying

PACKAGING

- ◆ Polyglaze PZ Crack Mortar is available in 5 Kg pouches

STORAGE & SHELF LIFE

- ◆ Store in a dry place away from moisture and sunlight
- ◆ Best before 12 months from the manufacturing date in original sealed condition

PRECAUTIONS & LIMITATIONS

- ◆ Strictly not recommended to fill cracks of more than 5 mm
- ◆ Not suitable for filling structural cracks, expansion joints, separation gaps or any dynamic cracks
- ◆ Application below 21° C may delay drying
- ◆ Mix only as required. Use freshly prepared paste for best performance
- ◆ Clean tools and hands with soap and warm water after use

TECHNICAL DATA SHEET

PHYSICAL PROPERTIES

Physical Appearance	Dry Grey / White Powder
Bulk Density	1.10 - 1.48 g/cc
Setting Time	3 to 4 hours
Pot Life	Approx. 45 Min.
Application Temperature	5°C to 40°C
Water Mixing Ratio	20 - 25% by weight
Curing	Self Cured

PERFORMANCE PROPERTIES

PROPERTIES	STANDARD	PZ CRACK MORTAR
Compressive Strength :		
@ 7 Days	ASTM C 109 : 2021	3 - 6 N/mm ²
@ 28 Days	ASTM C 109 : 2021	6 - 9 N/mm ²
Dry Shrinkage	ASTM C 157 : 2017	0.02%

COVERAGE

- ◆ Approx. 55 RFT / Kg for 5mm x 5mm crack
- ◆ Coverage will vary depending on the depth of the crack, surface condition and application method.

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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