THIXOTROPIC PUMPABLE MORTAR

FP McCann Thixotropic Pumpable Mortar is a blend of carefully selected sands, cements and additives to give a high strength, low shrinkage, easy to use precast installation jointing mortar. Produced in a factory-controlled environment providing consistently high levels of quality. Thixotropic Installation Mortar is supplied ready for use packaged in a weather resistant bag. It is chloride-free and safe to use with steel reinforcement to pack and fill gaps from 10 to 100mm. Thixotropic Installation Mortar is pumpable but will remain in place without slumping or running out of gaps or openings without the need for shuttering.

WHERE & WHEN TO USE

Ideal for structural filling, jointing and bedding beneath and between a range of precast concrete units including sandwich wall panels, dock leveller pit segments, L-walls, lift shaft and stair cores.

SALES & TECHNICAL SUPPORT

Should you require additional information on this product, please contact our sales team on:

Telephone 028 79642 558 or
Email sales@fpmccann.co.uk

Additional information can be obtained from fpmccann.co.uk/bagged-products/

ALL PACKAGING IS WEATHERPROOF AND RECYCLABLE

APPLICATION GUIDANCE

- When using this product, good site practice should always apply. FP McCann cannot be held responsible where workmanship has failed to meet the relevant European and British Standards.
- Cement based products will take longer to harden and set at lower temperatures, and should not be used below 5°C. Do not use in ground where frost is present or expected overnight.
- When site temperatures are below 10°C allow extra time before removing supports, applying further loads etc.
- Exposure to drying winds and/or strong sunlight may result in rapid drying and cracking.
- All surfaces must be clean and free from all contamination. For best results, surfaces should be mechanically roughened.
- All surfaces should be saturated with clean water but free from standing water.
- Mixed mortar should be pumped into place using a suitable pump unit. Typically a pump rate of 10-15L/min is suitable.
- Pumping should be continuous until the void is fully filled and the mortar is fully compacted.
- Allow mortar to stiffen before finishing flush with a damp trowel.
- Exposed mortar should be adequately cured with the application of an appropriate curing membrane or covering with damp hessian or polythene.

MIXING & WATER GUIDANCE

- FP McCann Thixotropic Pumpable Mortar should be mixed using the correct amount of water by using a mechanical mixing method such as using a suitable slow speed high torque drill and mixing paddle or larger amounts mixed in a suitable mixer pump system.
- Mix to a consistency suitable for the intended application. Typically, a 20kg bag should be mixed with 3.6-4.2 of water.
- Mix product for a minimum of 3 minutes until a homogeneous consistency is achieved.
- Ensure mixed mortar is used within 30 minutes of mixing.
- Adding additional water or trying to revive a mix that has begun to go off will greatly reduce performance.

TECHNICAL INFORMATION

Max Aggregate Size		2mm
Chloride Content		<0.1%
Water Requirement per bag		3.6-4.2L
Plastic Density		2200kg.m^3
Application Thickness		10-100mm
Yield		Approx 11L / 20Kg bag
Typical Performance		
Compressive Strength	24hr	30MPa
	7day	45MPa
	28day	65MPa
Flexural Strength	28day	9MPa

STORAGE GUIDANCE

- Please ensure unopened bags are stored in cool dry conditions, preferably on a pallet or shelf to keep elevated from the ground and protected from wind and rain
- If the product is stored correctly (as detailed above), the Chromium (VI) in this product will be within required levels for up to 12 months
- Use of this product after the declared storage period can be hazardous. Prolonged storage beyond 12 months may increase the level of Chromium (VI) and may increase the risk of allergic reaction following direct contact with skin.

FOR UP TO DATE TECHNICAL ADVICE AND INFORMATION ON OUR BAGGED PRODUCT RANGE SCAN THE QR CODE