



RAPID SET BEDDING MORTAR

FP McCann Rapid Set Bedding Mortar is a blend of carefully selected sands, cements and additives to give a rapid setting, high strength, bedding mortar which can be trafficked after one hour. Produced in a factory-controlled environment providing consistently high levels of quality. Rapid Set Bedding Mortar is supplied ready for use packaged in a weather resistant bag. It is chloride-free and suitable for use with all access covers in layers of 10 to 75mm.

WHERE & WHEN TO USE

Ideal for installation of all access covers, for the bedding of street and highway ironwork conforming to BS EN 124 and for the rapid installation of setts, flags and kerbs.

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.
- When site temperatures are below 10°C consider allowing extra time before opening to traffic, 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.
- Care must be taken to prevent voids in the bedding material under the frame. Exposed surfaces of the bedding material should be float finished, ensuring voids are filled.

MIXING & WATER GUIDANCE

- FP McCann Rapid Set Bedding Mortar should be mixed using the correct amount of water by using a mechanical mixing method such as a slow speed drill and paddle.
- A 20kg bag of should be added carefully to between 2 and 3 litres of water depending on required workability.
- Mix product for a minimum of 3 minutes until a homogeneous consistency is achieved.
- Mixed material should be used within 5-10min of mixing. Mixed product will begin to set within 10-15min.
- Adding additional water or trying to revive a mix that has begun to go off will greatly reduce performance.

APPLICATION

- Immediately after mixing, apply the bedding material over the pre-soaked substrate. This should be within 5min of mixing.
- Place the access cover frame onto the bedding mortar ensuring it is fully bedded without voids. Gently tamp frame in to place to achieve the required level.
- It is recommended to envelope the flanges of the frame by a minimum thickness of 10mm of the bedding material.
- Exposed surfaces of the bedding material should be float finished and pointed to a smooth finish, ensuring any voids are filled.
- Once the bedding material has reached its initial set, backfilling can be completed with FP McCann Rapid Set Backfill Concrete.

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



TECHNICAL INFORMATION

Max Aggregate Size	3mm	
Chloride Content	<0.1%	
Water Requirement per bag	2-3L (typically 2.5L)	
Plastic Density	2200 Kg.m ³	
Application Thickness	10-75mm	
Yield	Approx 10.5L / 20Kg bag	
Typical Performance		
Compressive Strength	1 Hour	>20MPa
	3 Hours	>30MPa
	28 Days	~60MPa

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.



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