



RAPID SET BACKFILL CONCRETE

FP McCann Rapid Set Backfill Concrete is a blend of carefully selected aggregates, cements and additives to give a rapid setting, high strength, concrete which can be trafficked after two hours. Produced in a factory-controlled environment providing consistently high levels of quality. Rapid Set Backfill Concrete is supplied ready for use packaged in a weather resistant bag. It is chloride-free and suitable for use in applications in layers of 20 to 250mm.

WHERE & WHEN TO USE

Ideal for the rapid backfilling of all access cover and gully reinstatements and for thick section repairs and commercial post installation.

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.

ALL PACKAGING IS WEATHERPROOF AND RECYCLABLE



MIXING & WATER GUIDANCE

- FP McCann Rapid Set Backfill Concrete 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 should be added carefully to between 2 and 3 litres of water depending on required workability. Typically, the addition of 2.5L of water per bag results in a slow flowing concrete.
- 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, trowel or pour the concrete into place over the pre-soaked substrate. This should be within 5min of mixing.
- Gently tamp the concrete with a trowel or similar to ensure compaction.
- Exposed surfaces should be float finished, ensuring any voids are filled.
- When backfilling prior to resurfacing, it is generally recommended to finish the backfill not more than 40mm below the finished level and that a suitable tack coat is applied prior to the application of the surfacing material or FP McCann Easi Repair Permanent Cold Lay Surfacing Material.

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/



TECHNICAL INFORMATION

Max Aggregate Size	10mm
Chloride Content	<0.1%
Water Requirement per bag	2-3L (typically 2.5L)
Plastic Density	2300 Kg.m ³
Application Thickness	20-250mm
Yield	Approx 10.5L / 20Kg bag
Typical Performance	
Compressive Strength	2 Hour >20MPa
	28 Days 50MPa

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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