

# HIGH PERFORMANCE GROUT

FP McCann High Performance Grout is a high flow, non-shrink, non-corrosive cementitious grout, produced from a mixture of modified cements and aggregates to produce a strong, durable grout.

## FEATURES

- Available in 20kg bags
- Produced in a factory controlled environment – consistent high level quality
- Quick and convenient to use, just add water
- High strength
- Excellent levelling and penetration ability (can be pumped or poured)
- Non-shrink
- All material required is contained with this bag. Adding additional material is not recommended

## TYPICAL APPLICATION

- Filling voids
- Sealing joints
- Reinforcing existing structures
- Sealing openings in surfaces

## 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](mailto:sales@fpmccann.co.uk)

## 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

## MIXING & WATER GUIDANCE

- FP McCann High Performance Grout should be mixed using the correct amount of water by using a mechanical mixing method such as a grout mixer
- Dry Packing - add approx 2.5 litres of water - 9.5L coverage
- Trowelling – add approx 3.5 litres of water - 10.5L coverage
- High-Flow – add approx 4.5 litres of water - 11.5L coverage
- Mix product for approximately 3 minutes until a homogeneous consistency is achieved
- Ensure mixed grout is used within 10 minutes of mixing
- Avoid remixing or adding water to the grout to extend workability

## GAP THICKNESS

- Min 10mm - Max 100mm

## COMPRESSIVE STRENGTH

|         | Compressive Strength (MPA) | Tensile Strength (MPA) |
|---------|----------------------------|------------------------|
| 1 Day   | <b>13</b>                  | <b>2</b>               |
| 3 Days  | <b>51</b>                  | <b>5</b>               |
| 7 Days  | <b>55</b>                  | <b>7</b>               |
| 28 Days | <b>69</b>                  | <b>7</b>               |

## WHERE & WHEN TO USE

- Suitable for both internal and external use
- Recommended for use between temperatures of +5°C and +30°C

## STRENGTH STATISTICS

- Pot life: at least 45 min (depending on environmental conditions, e.g. temperature).
- Initial setting time: <7 hours (depending on environmental conditions, e.g. temperature).
- Final setting time: <10 hours (depending on environmental conditions, e.g. temperature)

## MORE STATISTICS

- Conforms to BS EN 1504
- Testing of anchoring by pull out method < 0.6mm at load of 75KN
- Ion Content ≤ 0.05%
- Class A1 Fire Classification.
- Flow channel figure is 840mm 30 minutes after mixing & 30 seconds flow time



ALL PACKAGING IS  
WEATHERPROOF AND  
RECYCLABLE



## 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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