

TECHNICAL INFORMATION

EASY PATCH MORTAR GREY AND WHITE

Product Data Sheet: Concrete Repair and Installation

DESCRIPTION

Easy Patch Mortar is a blend of ordinary and specialist cements, high quality graded aggregates and a unique combination of polymers and admixtures. When mixed with water it produces a putty like mortar with excellent wash out resistance and a powerful bond onto wet concrete substrates.

Easy Patch Mortar is available in grey or white.

USES

Easy Patch Mortar is a rapid set structural repair mortar for either machine or hand applications. Example uses would include the repair or caulking of precast tunnel segments, the pointing of tunnel bolt holes, repointing of brick, blockwork and repairs to deshuttered concrete in dry and damp environments.

KEY PROPERTIES

- BS EN 1504-3 R3 repair mortar.
- Compliant with D.o.T. Highways Agency Spec: BD27/86 clause 6.
- Designed to provide a powerful bond onto wet concrete substrates.
- Rapid strength gain.
- Single component – easy to use.
- Suitable for both hand and machine applications.
- Minimal shrinkage.
- Contains no chlorides.
- White and Grey shades available.

TYPICAL PERFORMANCE

Compressive strength at 18-22°C N/mm ²			
1 hour	3 hours	1 day	28 days
6	9	13.5	33
Flexural strength Gain N/mm ²			
1 day	7 days	28 days	
4	7	8.5	
WSR			0.16
Approximate Yield Litres/25kg			13.5
Approximate Yield Tonne/m ³			0.54T/m ³
Shrinkage			<0.0001%
Application Thickness			3mm to 20mm

MIXING

Easy Patch Mortar should be mixed using water which complies with BS EN 1008 (as for concrete). **Easy Patch Mortar** should be mixed in a suitable container using either an electric (1kW) or pneumatic power tool. **Easy Patch Mortar** should be added carefully to the water, progressively mixing until a putty like consistency is achieved. Small quantities can be mixed by hand, care being taken to accurately measure the water at a dosage rate of 16%. Once mixed the material must not be re-worked.

Due to the rapid setting times the material should be placed immediately after mixing.

For more details contact:
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The information given in this technical data sheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Tarmac endeavour to ensure that the information given is accurate, but accept no liability for its use or its suitability for particular application because of the product being used by the third party without our supervision. Any existing intellectual property right must be observed.

APPLICATION

All weak and friable concrete should be mechanically removed back to a sound substrate. When breaking out around steel reinforcement the steel should be fully exposed to at least 15mm behind and 50mm along past the corroded length.

When cutting back feather edging must not be permitted. Saw cut edges to a minimum depth of 10mm should be used to outline the repair area.

All areas to be repaired must be free from unsound material, dust, grease and any other contaminants that can affect the bond of the substrate to the repair mortar. Smooth edges should be roughened and reinforcement cleaned bright steel using approved methods and treated with **Pozament Steel Primer** prior to application of the repair mortar.

The prepared substrate should be thoroughly soaked with clean water until uniformly saturated without any standing water.

Permeable concretes should be primed with **Tarmac Acrylic Primer** as per the instructions on the technical data sheet.

Easy Patch Mortar should be applied "wet on wet" for maximum bond.

Easy Patch Mortar should only be applied at temperatures above 5°C. When working on cold weather reference should be made to BS 8110 Pt.1 section 6.

PACKAGING AND STORAGE

Easy Patch Mortar is available in nominal 25kg sacks, palletised and shrink wrapped. Palletised **Easy Patch Mortar** should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high.

The product should be used on a first in – first out basis.

Shelf life is minimum 3 months but could be in excess of 6 months subject to temperature and humidity.

QUALITY CONTROL

All Pozament products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001.


CLEAN UP AND SPILAGES

Dry powders should be swept up and disposed of in accordance with the Local Authority.

HEALTH & SAFETY

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products.

Contains Portland Cement Contains Chromium (VI), which may produce an allergic reaction. Clothing contaminated by wet cement should be removed immediately and washed before reuse. R38 - Irritating to skin. R41 - Risk to serious damage to eyes. S26 - In case of contact with eyes, rinse immediately with water and seek medical advice. S37/39 - Wear suitable gloves and eye/face protection. S2 - Keep out of reach of children.

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Tarmac Building Products Limited, Salisbury House, 2A Tettenhall Road, Wolverhampton, WV1 4SA, UK 13 0086-CPR-594068 DoP No. 044 EN 1504-3 Concrete repair product for non structural repair PCC mortar (based on polymer modified hydraulic cement)	
Compressive strength:	class R2
Chloride ion content:	≤ 0,05%
Adhesive bond:	≥ 0.8 MPa
Thermal compatibility part 4:	≥ 0.8 MPa
Elastic modulus:	21 MPa
Dangerous substances:	comply with 5.4
Reaction to fire:	Euroclass A1

INFORMATION, PRICES & ORDERING

For technical information, pricing and to place orders contact our Sales Office on the following:

Telephone: 03444 630 046

Email: pozament@tarmacbp.co.uk

Visit our website: Pozament.co.uk

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