

Patching Compound



DESCRIPTION

A blend of graded silica's and fast setting cements modified with a polymer and cure enhancing chemicals

INTENDED USE

A multipurpose patching compound with a high compressive strength which is 2-3 times the typical strength of concrete, a fast curing cement compound for fixing holes in concrete & masonry on floors or walls

PRODUCT FEATURES

- Easy to use – simply add water to desired consistency
- Can take light traffic after 4 hours at 25°C
- Ideal for use on damaged floors, walls etc.
- Can be thinned for use as a fairing compound
- Cures to an extremely tough, non shrink, hard state
- Can be over-coated with flooring e.g. tiles, the following day
- Chemically Resistant

LIMITATIONS

- N/A

STANDARD COLOUR AVAILABILITY

Dark Grev



PRODUCT INFORMATION

Product Data	
Components	2
Mixing Ratio	Add water to desired consistency
Pot Life	30 minutes @ 25°C
Volume Solids	100% prior to water addition
Film Thickness	0.7mm to 5cm Dry
Spreading Rate	0.4m ² /lt at 1mm DFT
Temperature Resistance	120°C Dry

PACKAGING

- 1lt, 5lt & 20lt

SURFACE PREPARATION

Degrease surfaces with **Speccoats Hydrosolve** followed by a high pressure water rinse & allow drying

Floor & Wall Surfaces for patching

- The mixed compound must only be applied to clean concrete or masonry surfaces where the dust has been removed by washing or compressed air blowing
- The surface can be wet but not pooled with water

Control of Material & Personnel during Coating

- It is advisable to have material stocks in excess of calculated requirements
- After completion of the application, the work area should be sealed off and traffic diverted for the full curing period




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APPLICATION

Mixing – Two Components

- This product is supplied as a single component material comprising of a powder to which water is slowly added while stirring
- Stir the material using a suitable mechanical stirrer until homogeneous

Application – Equipment & Methods

 Trowel	Apply uniform, even coating with Speccoats applicator sponges
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- When applying to a dry hole it is advisable to first 'prime' the surface to be prepared with a slurry of this material and water
- Apply the repair material at the stiffest consistency that will penetrate the rough surfaces in the cavity
- Stamp the material into the cavity until all air bubbles have escaped. Then smooth off the surface with a trowel
- Clean the surrounding area and leave to cure for at least 4 hours at 25°C
- The compound will take 16 hours to cure hard after which it can then be used

Thinning

- Thin with water to required viscosity

Cleaner

- Water may be used

APPLICATION ENVIROMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	2°C	5°C	30%
Max:	40°C	45°C	95%

DRYING TIME

Touch dry	Over-coating interval (hours)			Suitable for light traffic
	°C	Min	Max	
4 hours at 25°C for 50mm DFT at 65% RH	10	24	NA	16 hours at 25°C at 65% RH
	15	20	NA	
	20	16	NA	
	30	12	NA	

STORAGE AND HANDLING

Storage - Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

Shelf Life - Minimum 1 year when packed in original containers

HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 28/10/2010**