

# TECHNICAL DATA SHEET- CRETE-PATCH G2

## Ultra Light Patching Mortar

### DESCRIPTION

CRETE-PATCH G2 is a fine filled, polymer modified, cementitious mortar, specifically formulated for the repair of damaged concrete, covering joiner plates and similar applications. The specially selected cements and polymers contained in CRETE-PATCH G2 provide a mortar with strong adhesion to concrete and masonry substrates with negligible shrinkage. CRETE-PATCH G2 requires only the addition of water.

CRETE-PATCH G2 is 4 hour fire resistant

### ADVANTAGES

- Good adhesion
- High build
- Negligible shrinkage
- Requires the addition of water only
- Easy application
- Durable

### TYPICAL PROPERTIES

Set Times at 20°C	Initial Final	180 minutes 300 minutes
Set times will be less at increased temperatures.		
Compressive Strength @ 20°C	28 days	20 MPa

### APPLICATION INSTRUCTIONS

#### Preparation

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any cracked or weakened concrete should be removed and repaired to provide a solid foundation. Scabbling or water blasting should be used to remove laitance and provide a mechanical key.

#### Mixing

CRETE-PATCH G2 is suitable for mixing using a drill and suitable paddle (spiral type blades) or by hand where only a small quantity is required. Use 5 litres of water per 12 kg bag of CRETE-PATCH G2 to achieve a smooth, soft mortar consistency. Always add the powder to the water while mixing slowly to avoid lumps. Excess water will reduce the final strength and make application of the render more difficult. Only mix that quantity of material that can be used within the set time of the material. Do not attempt to rework any partially set product.

### APPLICATION

Apply the mixed CRETE-PATCH G2 to the prepared substrate using a trowel to give the required finished thickness. Ensure proper compaction around reinforcing bars.

### CLEAN UP

Clean all equipment with water immediately after use.

### ESTIMATING

#### Packaging

CRETE-PATCH G2 is supplied in 12 kg bags.

#### Estimating Data

Fresh Wet Density: Approx. 900 kg / m<sup>3</sup>. (or approx. 0.9 kg / litre). A 12 kg bag of CRETE-PATCH G2, when mixed with 5 litre of water, will yield approximately 18 litres. By definition, one litre will cover 1 m<sup>2</sup> by 1mm thick.

A 12 kg bag of CRETE-PATCH G2 will cover approximately 1.8 m<sup>2</sup> at an average thickness of 10mm. One 12 kg bag, when mixed, will cover 15 joining plate recesses of dimensions 200 mm x 200 mm x 30 mm deep.



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