

## MACPATCH COARSE

Updated 25 Nov 2021

**Description** Macpatch Coarse is a specially formulated low-shrink acrylic based joint stopping and skim-coating compound for use over low-porosity and difficult surfaces. Macpatch Coarse combines strength with flexibility making it the ideal solution for difficult patching and levelling applications.



**Coverage** Approx. 8-10 m<sup>2</sup> when skim coating. Approx 50 lineal metres jointing.

**Features & Benefits** Macpatch Coarse is extremely tough with improved flexibility when compared with cement based skim coats. Product benefits include:

- > Pre-mixed convenience
- > Very good water resistance
- > Ease of use
- > Good flexibility
- > Consistent quality

**Application Thickness** 0.5 - 4 mm per coat.  
Addition of portland cement required for application thickness > 2 mm. See "Mix Preparation" for details.

**Combustibility** **Macpatch Coarse is not a render.** According to Australian Building Codes Board C1.14 (L), paints and "textured paints" are considered permitted ancillary elements and are not required to achieve an AS1530.1 classification. Macpatch Coarse is formulated using the same ingredients as a paint or "textured paint".

Consult building surveyor for approval prior to application.

**Pack Size** Macpatch Coarse is available in 5 and 15 litre plastic pails.

**Bond Strength** Very good

**Water Resistance** Very good

**Suitable Surfaces** Macpatch Coarse has been formulated for adhesion and flexibility. It is suitable for interior and exterior application to correctly prepared surfaces including:

- > FC sheeting
- > Painted masonry surfaces
- > Properly prepared concrete
- > Primed metal (rigid i.e. lintels etc.)
- > MAC pre-packaged renders
- > Primed MgO boards

**Composition** Macpatch Coarse is manufactured using only the highest quality raw materials available. These

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include graded aggregates, pigment, selected fillers, mould growth inhibitors and workability agents bound in a premium grade acrylic polymer binder system.

### Substrate Condition

Macpatch Coarse should only be applied over properly prepared surfaces, free from dirt, dust, contaminants and loose material which may adversely effect adhesion and coating performance.

Surface to be coated must have a moisture content less than 10% WME (wood moisture equivalent) prior to application. Surface alkalinity should be less than pH 9.

Allow pre-packaged MAC renders to cure for a minimum 4 days prior to over-coating. Other fresh cement based surfaces including concrete, site-mixed renders and screeds must be allowed to cure for a minimum of 28 days.

For best results MAC recommends surfaces be primed prior to application of this product. Check MAC Coating Specifications for details.

### Mix Preparation

Whilst not required in all applications, 15% portland cement addition by weight can be mixed with Macpatch Coarse to improve workability, durability, through drying wet adhesion and water resistance at higher application thickness.

Certain coating systems may require the addition of portland cement at a specified rate. If so, add portland cement powder to the Macpatch Coarse and mix until all cement is evenly dispersed. Do not use once material has begun to harden.

Refer to MAC Coating Specifications for specifics of cement addition.

### Application Method

Hawk & trowel

### Application

Trowel Macpatch Coarse over the surface at a thickness of approximately 2-4 mm. Allow to firm up prior to floating in a circular motion with a plastic, timber or polystyrene finishing float to achieve the desired surface finish.

Where required as part of a MAC Coating Specification, embed alkali resistant fibreglass tape/mesh into wet Macpatch Coarse and overcoat as detailed.

### Drying Time

Drying time depends heavily on climatic conditions and can be shortened or extended dramatically depending on factors such as surface porosity, substrate moisture content, humidity, exposure to direct sunlight and ambient temperature.

Protect from dew, rain and frost for a minimum 48 hours or until hard dry has been achieved.

### Precautions & Limitations

- > Not for use as a top coat
- > Do not apply thicker than 4 mm per coat
- > Apply between 10 - 30C
- > Avoid working in direct sunlight where possible

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- > Avoid working in windy conditions
- > Do not apply if temperature will fall below 10C prior to full cure
- > Do not apply material if likely to remain wet overnight
- > Protect for rain and moisture for min. 24 hours or until hard cure
- > Heavier builds may require 48 hours to dry
- > Not for use on trafficable areas or where complete water immersion expected
- > Not suitable for use on constantly damp surfaces
- > Not suitable for application over entrapped moisture

### Clean Up & Disposal

Clean tools in clean water immediately after use. Do not dispose of unused Macpatch Coarse into drains or waterways. Dispose of rubbish in accordance with local government regulations.

### Storage & Transport

- > Keep pack firmly sealed
- > Store in cool dry place away from direct sunlight
- > Use within 12 months of purchase.
- > Do not stack 15 litre pails more than 3 pails high

### Safety

- > Macpatch Coarse is classified as non-dangerous goods
- > Personal protective clothing highly recommended during use
- > Always use Macpatch Coarse in a well ventilated area

Portland cement is classified as a Hazardous Substance, Non-Dangerous Goods according to the criteria of NOHSC.

Risk phrases for Portland cement are:

- > R36/37/38 Irritating to eyes, respiratory system and skin
- > R40 Possible risk of irreversible effects
- > R43 May cause sensitization by skin contact
- > R48/20 Harmful: danger of serious damage to health by prolonged inhalation

Safety Phrases for Portland cement

- > S22 Do not breathe dust
- > S24/25 Avoid contact with skin and eyes
- > S36/37 Wear suitable protective clothing and gloves

### Safety Data

Always refer to safety data sheet (SDS) prior to handling and handling and application of Macpatch Coarse.

### Disclaimer

**Macpatch Coarse is to be used as part of a MAC Coating Specification.** Melbourne Acrylic Coatings Victoria Pty Ltd, its staff and distributors will not accept responsibility for any failure caused as a result of factors beyond our control including but not limited to onsite handling, preparation or application of this product. Application of this product should only be performed by qualified trades people trained in the use of this type of product. Information supplied in this publication is based on our testing and experience and is given in good faith. Suitability of this product should be independently determined prior to use. MAC will not warrant job defects caused as a result of but not limited to, structural/substrate movement or entrapped moisture. Formulation of coating and

# TECHNICAL DATA SHEET



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renders often requires the use of naturally sourced fillers & aggregates. All care is taken by industry suppliers to remove trace contaminants, however no guarantee/warranty is provided by MAC against spot marks occurring in naturally sourced aggregates provided by third party suppliers.