

DRI-PATCH

A dry-mix, polymer modified, cement-based patching and skim-coating compound formulated for application to surfaces requiring adhesion and improved flexibility.

DESCRIPTION

Dri-Patch is a polymer modified, cement-based joint stopping compound and skim-coat for use over low porosity and/or flexible surfaces including fibre-cement sheet or painted masonry surfaces. Dri-Patch combines strength with improved flexibility making it the ideal solution for many difficult patching and skim-coating applications.

KEY BENEFITS

- > Factory blended for dependable consistency
- > Excellent adhesion
- > Good flexibility
- > Highly water resistant
- > Just add water
- > Highly durable

SUITABLE SURFACES

Dri-Patch is suitable for application to surfaces including:

- > Fibre-cement sheeting
- > Primed rigid metal surfaces such as lintels
- > Expanded polystyrene
- > Painted masonry surfaces
- > Reinforcement of joints over fibre-cement and pre-coated polystyrene base boards

COMPOSITION

Dri-Patch is manufactured using only the highest quality raw materials. It consists primarily of HE class portland cement, selected fillers, graded sands, high performance polymer powders and selected workability agents.

MIX PREPARATION

Fill a clean 15 litre mixing vessel with approximately 4 litres of clean water and slowly add the Dri-Patch powder whilst stirring. Add entire contents of bag and adjust with more water to achieve the desired consistency. Allow to stand for 2 minutes prior to application.

DESIGN CONSIDERATIONS

In order to achieve a high quality result, the following design considerations should be adhered to when coating fibre-cement sheet constructions:

- > Vertical control joints must be placed at maximum 5.4 metre centres. Where possible, control joints should coincide with window and door openings. Check sheet manufacturers latest fixing manuals for updated details.



- › Horizontal control joints should be placed at floor joist level and gable ends in double storey projects. Check sheet manufacturers latest fixing manuals for updated details.
- › Dark colours should be avoided in the final decorative coating to reduce the risk of cracking caused as a result of excessive heat transfer to the sheeting.
- › All sheet edges must be completely supported by framing. Sheet perimeter must be nailed at 200 mm centres not less than 12 mm from the sheet edge. Check sheet manufacturers latest fixing manuals for updated details.
- › Studs used in the frame construction must be seasoned timber not less than 42 mm in face width. Where face width is less than 42 mm, a second stud must be inserted to provide sufficient timber for nailing the sheets. Stud spacing must be set out at 600 mm centres (max.) for 1200 mm sheets and 450 mm centres (max.) for 900 mm sheets. Check sheet manufacturers latest fixing manuals for updated details.
- › Do not patch small areas with off-cuts. Full sheets must be used, fixed in a vertical orientation. Cut-outs protruding into the sheet must be not less than 200 mm. Check sheet manufacturers latest fixing manuals for updated details.
- › Always check base sheet manufacturers latest fixing manual for updated details on frame construction and sheet fixing requirements.



TABLE 1. SUGGESTED APPLICATIONS & METHODS

APPLICATION	METHOD
Setting Joints	Prior to the application of Dri-Patch, ensure the substrate is clean and free from any damaged or loose material which may compromise adhesion. When stopping joints in fibre-cement sheet, use only rebated edges. If no rebate exists, one must be formed using an angle grinder or similar tool. Using a trowel or spatula, work Dri-Patch into the bare joint. Apply a single strip of non-adhesive fibreglass reinforcing tape to the joint and trowel into the wet material. When the fibreglass tape is fully embedded, skim over with a final coat of Dri-Patch taking care to feather the joint neatly along the entire edge. High stress areas such as joints less than 1500 mm in length should be reinforced with 2 strips of fibreglass tape. Allow to dry a minimum of 24 hours prior to over-coating.
Skim-coating	Set all joints and external corners as per instructions in this table. Ensure base sheets are clean and free of any loose material or impurities which may compromise adhesion. Trowel Dri-Patch over the surface at a thickness of approximately 2 mm. Float in a circular motion with a plastic or polystyrene finishing float to achieve the desired surface finish. Dri-Patch should not be applied in coats exceeding 4 mm in thickness. Allow to dry for a minimum of 24 hours prior to overcoating.

APPLICATION	METHOD
<i>External Corners</i>	<i>Embed 70 mm fibreglass external angles into wet Dri-Patch. Trowel over to cover the fibreglass mesh and allow to dry prior to application of subsequent leveling skim-coat.</i>

OVER-COATING

Dri-Patch must be allowed to through dry for 5-7 days prior to overcoating with selected coloured top-coat. Failure to achieve through drying may result in a patchy appearance in the top-coat.

WASH UP

Wash tools immediately following use with clean water. Material allowed to dry on tools will prove difficult to remove.

SUPPLY & PACKAGING

Dri-Patch is available in 20 kg plastic lined multi-walled paper sacks. Pallet lots of 56 x 20 kg sacks are available on request.

COVERAGE

Coverage rate vary depending on a number of factors. As a guide, 20 kg of Dri-Patch will be sufficient to stop approximately 50 - 60 lineal metres of joints. When skim-coating, 20 kg of Dri-Patch will cover approximately 10-15 m2.

DISCLAIMER

Whilst Dri-Patch has excellent tensile strength and flexibility MAC will not warrant against joint cracking caused as a result of excessive movement of the frame or attached fibre-cement base sheet.

SAFETY

Dri-Patch is classified non-hazardous. MAC recommends the use of skin and eye protection during use. If skin irritation occurs flush immediately with running water. Refer to MSDS for details.

IMPORTANT NOTE:

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. Warranty is limited to the replacement of any materials proven to be faulty. MAC will not warrant job defects caused as a result of but not limited to, structural movement or entrapped moisture.

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