MACPATCH COARSE

A pre-mixed acrylic based joint stopping and patching compound for application to flexible surfaces.

DESCRIPTION

Macpatch Coarse is a specially formulated low-shrink acrylic based joint stopping compound and skim-coat for use over fibre-cement sheet. Macpatch Coarse combines strength with flexibility making it the ideal solution for most patching applications.

KEY BENEFITS

Macpatch Coarse is extremely tough and flexible. When used as a thin-build skim-coat, Macpatch Coarse displays levels of adhesion and flexibility not found in conventional cementitious renders. Excellent adhesion, durability and flexibility equate to a long lasting finish.

SUITABLE SURFACES

Macpatch Coarse has been formulated for adhesion and flexibility. It is suitable for application surfaces including:

- Fibre-cement sheeting
- Primed metal
- Painted masonry surfaces

COMPOSITION

Macpatch coarse is manufactured using only the highest quality raw materials. It consists primarily of selected fillers, graded sands, fungicides and preservatives incorporated into an acrylic copolymer binder system.

DESIGN CONSIDERATIONS

In order to achieve a high quality result, the following design considerations should be adhered to:

- 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, laid 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.

WASH UP

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

RECOMMENDED METHOD OF APPLICATION

APPLICATION	METHOD
Setting Joints	*Prior to use, mix Macpatch Coarse with 10% by volume type GP portland cement.* *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 Macpatch Coarse 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 Macpatch Coarse 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 Macpatch Coarse 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. Macpatch Coarse should not be applied in coats exceeding 4 mm in thickness. Allow to dry for a minimum of 24 hours prior to overcoating.*
External corners	*Embed 70 mm fibreglass external angles into wet Macpatch Coarse. Trowel over to cover the fibreglass mesh and allow to dry prior to application of subsequent coats.*

SUPPLY & PACKAGING

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

COVERAGE

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

SAFETY

Macpatch Coarse 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.

DISCLAIMER

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