

Rendex® Patch

PRODUCT TYPE	PACKAGING	NOMINAL WEIGHT
Prep Coats	4L Steel Can, 15L Heavy Duty Plastic Pail	7kg, 24kg respectively

1. DESCRIPTION

Forming part of the Wallcote system, Rendex® Patch are durable, water based materials for patching, filling and skim coating on a wide range of substrates.

The Rendex® Patch range are composed of finely graded sand and fillers in a water based acrylic emulsion processed with proprietary additives, extenders and a powerful fungicide / anti-mildew agent.

Rendex® Patch may also be used for setting butt joints and beads/trims with the addition of 5-10% Portland Cement.

2. FEATURES & BENEFITS

- Excellent water resistance;
- Excellent vapour permeability;
- Excellent flexibility;
- Excellent crack resistance;
- Excellent durability;
- Strong adhesion;
- Easy to apply;
- Water based;
- Easy & safe clean up.

Primer

Primerbond Masonry Concentrate, Primerbond Grip Coat (or) Primerbond Green Render.

Joint Set & Beads/Trims

Rendex® Patch (add 5-10% cement).

Fill / Patch / Skim

Rendex® Patch.

Texture

Rendex® Marbletex Medium (or) Rendex® Sandtex Medium

Membrane Coating (required for full warranty)

Rendex® Membrane

3. SUITABLE SUBSTRATES – *when properly prepared*

- Cement Render;
- Fibre Cement Sheeting (Fibro/Blue board);
- Previously textured surfaces;
- Tilt panel walls;
- Other primed exterior surfaces.

4. SUBSTRATE PREPARATION

- Areas not to be coated should be masked and protected
- All surfaces to be coated must be clean, sound, free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material
- Unless supplied pre-primed, all substrates must be primed before application of Rendex® Patch.

Either

- Use Rendex® Primer Bond Basecoat and apply a single coat at the rate of 9-11 m²/L.
- Or- Use diluted Rendex® Primer Bond Concentrate and apply a single coat o
- Or- Use Rendex® Primer Bond Render and apply a single coat at the rate of 7-8 m²/L.

- Allow all Primerbond Primers to dry before commencing following coats

Note: Rendex® Primer Bond Concentrate is supplied as a concentrate which must be diluted 1:1 before use



5. APPLICATION

- Rendex® Patch does not require thinning but mixing with a power stirrer will enhance workability and coverage.
- For setting of Joints or installation of Beads and Trims, add Portland Cement to the pail as per the following table:

Pail Size	Cement Addition
4 Litre	300g to 600g
15 Litre	1kg to 2kg

Caution: An excess quantity of cement can cause the product to have a reduced pot life and hamper application, workability and durability. Do not thin after addition of cement.

- Mix thoroughly with a broad, flat stirrer, using an upward lifting action, or power mixer

Setting Joints (use Rendex® Patch with added Cement)

- Apply a 2mm layer of Rendex® Patch into the recessed joint.
- Apply a single strip of alkali resistant fibreglasstape and trowel into the freshly applied material.
- It is essential that the Rendex® Patch is in contact with the entire panel surface and that the mesh is fully surrounded or encapsulated by the Rendex® Patch. The mesh **MUST NOT** be directly applied, fixed, glued or pushed back to the panel surface. Self adhesive mesh is **NOT** suitable for this application.
- When the tape is fully bedded, skim over with one (1) further coat of Rendex® Patch, feathering edges as neatly as possible.

Beads & Trims (use Acryloc Patch Fine with added Cement)

- Use Rendex® Patch to fix the trim by fully coating the inside of the trim with Rendex® Patch, pressing firmly into place and trowelling off the outside of the trim to ensure that all holes are filled;
Or, if the trim is already fixed in place*
- Apply Rendex® Patch to the trim, trowelling it into the holes to ensure that there are no voids or air pockets.
* Trims must be securely fixed, see our separate Technical Bulletin on Beads & Trims.

Skim Coating

- Apply Rendex® Patch to the surface to a thickness of approx 1.5mm.
- Where the entire surface is being skim coated, commence at the top of the wall panel. Two (2) or more applicators may be required for large uninterrupted wall areas.
- Allow surface to stand for a short time prior to finishing.
- Rub up or 'finish' with a suitable float either in a vertical or circular fashion, terminating only when a whole area or section is completely coated.
- Typically one (1) coat should be adequate if the substrate is flat and level; a second coat may be applied if required.

Important Notes

- Care should be taken to keep Rendex® Patch off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry.
- Rendex® Patch must be over coated using the appropriate components selected from the Wallcote system.
- Do not apply Rendex® Patch when rain is anticipated within 5 hours of completion of the days work, longer in damp, cold +/- or humid conditions.



- Application should be carried out on a day with temperatures above 10°C and below 32°C ambient.
- Surface temperature must be above 10°C during the application and the drying period.
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost, dew and severe weather conditions until fully dried or for at least 48 hours.
- Surface to be patched must have a residual moisture content <10%. Moisture meters should be used.
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried.

6. OTHER CONSIDERATIONS

Clean-Up	Clean up with water.
Shelf-Life - Unopened Containers	Maximum two (2) years from date of manufacture when stored correctly.
Transport & Storage	Pails should not be stacked more than three (3) high during transportation and must be transported upright. Store in a cool place, upright, out of direct sunlight and above 4°C.

For further information refer to SDS for Rendex® Patch.

7. TECHNICAL DATA

Appearance	Milky white, gritty, viscous liquid	
Odour	Low	
Application Methods	Trowel	
Specific Gravity (Nominal)	~1.5	
Theoretical Coverage	0.8-0.9m ² /L single coat, 12-14 m ² per 15L pail	
Wet Film Thickness (Recomm)	1.3-1.5mm single skim coat, ~4mm in joints	
**Dry Time (25°C & 50% Rh) (Approx)	Tack Free	Recoat/ Overcoat
	2-3 hours	After 24hours
No. Of Coats	Typically 1 coat	
Gloss Level	Matt – textured	

** All water based texture systems continue to cure over several weeks / months in certain weather conditions.

8. SAFETY & HANDLING

Refer to SDS for Rendex® Patch before use. For further information on Safety Data Sheets, call the Prestige Wall Systems on 1300 663 118 or visit www.rendex.com.au.

When working with Rendex® Patch observe the usual precautions for handling acrylic water based products including:

- Avoid inhalation of the vapour, prolonged skin contact and particularly eye contact.
- Wear protective clothing to minimize skin contact and wear goggles where splatter is likely.
- Where spills occur, soak up liquid spillage with sand/sawdust and dispose of in a sensible manner. Do not permit run-off to sewer, storm water or open bodies of water.

Full pails are HEAVY. Wear protective footwear and seek assistance if necessary.

9. FIRST AID MEASURES

Refer to SDS for Rendex® Patch before use. For further information on Safety Data Sheets, call the Prestige Wall Systems on 1300 663 118 or visit www.rendex.com.au.

Ingestion: If swallowed, wash out mouth with water. Do NOT induce vomiting. Drink at least two (2) glasses of water. Seek medical attention.

Eye: Wash with copious amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek medical attention.

Advice to Doctor: Treat symptomatically.

10. SUPPLIED BY

Prestige Wall Systems.