

ROCKCOTE - Polymer Render High Build Grey

Rockcote Polymer Render High Build Grey is a pre-mixed, high solids, flexible render for difficult substrates. Rockcote Polymer Render High Build Grey is a single component product which is completely free from both lime and cement. Suitable for exterior and interior use over properly installed and prepared substrates such as:

- Masonry surfaces (including clay brick and cement render)
- A.A.C. Hebel blocks & panels
- Fibre Cement sheeting
- Slab edge, off-form and tilt panel concrete
- Pre Painted surfaces
- EPS Panel and Blocks
- Plaster Board linings

PERFORMANCE & PROPERTIES

Adhesion and Flexibility

Modern construction methods and materials often require certain tensile properties from an exterior plaster coating, which cannot be achieved with standard or even modified cement renders. Rockcote Polymer Render High Build Grey provides a high build acrylic texture coating with the following benefits.

- Excellent adhesion to smooth, dense or highly porous substrates.
- Protection of cement render from shrinkage cracking and minor walling movement

Economical

Rockcote Polymer Render High Build Grey can provide an economical and attractive grey rendered finish with an applied wet thickness of between 1.2 - 4.0mm. Rockcote Polymer Render High Build Grey is high in total volume solids, providing a value for money solution to plastering difficult substrates.

When used as directed Rockcote Polymer Render High Build Grey can provide a stable flat or sponged finish surface for top coating with either paints or textured finishes. See ROCKCOTE Specification on Levels of Finish.

SURFACE PREPARATION

All surfaces should be clean, dry and free from grease, oil or laitance and any loose material scraped back to a firm base. For masonry surfaces apply a coat of ROCKCOTE Texprime at the rate of approx. 6 - 8 square metres per litre. Deeper holes or deviations can be filled flush with ROCKCOTE Patch & Prep and allowed to dry prior to the application of the Rockcote Polymer Render High Build Grey.

APPLICATION

Rockcote Polymer Render High Build Grey may be trowelled on to the surface in one or two applications and finished with a plastic or polystyrene float. A sponge finish is usually achieved by rubbing the surface gently with a soft, damp sponge after approximately 5 to 30 minutes drying, depending on conditions and finish required.

For Fibre Cement Sheeting refer to ROCKCOTE Patching Specifications and the ROCKCOTE System Chart for Fibre Cement Sheet.

Thinning	Rockcote Polymer Render High Build Grey can be thinned by adding 200-250ml water per 15L bucket.
Clean Up	Clean with water immediately after use. Semi dry films can be removed with warm water and biodegradable detergent. Recently dried material can be removed with methylated spirits.
Drying (55% Relative Humidity, 25°C) Applied at 2mm wet film thickness over a sealed surface.	Touch dry in 3 hours. Dry to recoat in 24 hours provided moisture level of dried Rockcote Polymer Render High Build Grey coating is less than 15% WME. Full cure in 7 days. Dry times vary with changes in temperature and humidity and substrate conditions. Over low suction substrates, Rockcote Polymer Render High Build Grey may resoften if it comes into contact with liquid water too early and before it has fully cured, so it is important to protect the surface if rain is imminent.
Pack Size	15L heavy duty plastic pails.
Finish	Flat and textured, depending on finishing technique.
Maintenance	Any identified damage should be repaired as soon as possible. Refer to ROCKCOTE specification on General Maintenance.
Durability	Excellent interior or exterior when used as specified. For exterior use, see paragraph on 'Limitations'. Refer to ROCKCOTE Render (RR) System - Performance Codes to select a suitable rating for your requirements.
Volume Solids	85%
Film Thickness	Wet coating thickness approximately 1200 to 6000 microns per coat. Do not apply at a film thickness greater than 6mm in a single coat. Best results are achieved by applying 2 or more coats at approximately 2mm average wet coating thickness. A minimum dry coating thickness of 2mm must be applied when used over 7.5mm blueboard cement sheeting or Hebel ® Panel/Blocks
Usual number of coats	1 or 2

THEORETICAL SPREADING RATES

2.5 to 12.5 square metres per 15L pail, depending on the thickness required.

Figures are a guide only. Coverage rates vary according to substrate, application technique, wastage factors and substrate preparation.

Limitations

- Not suitable for areas that are submerged or subjected to continual damp or hydrostatic pressure from within the substrate
- Should not be applied if the substrate and/or ambient temperature is less than 5°C or higher than 35°C, or in strong windy conditions.
- Over previously painted masonry substrates, ROCKCOTE Keycote is recommended in preference to or before the Rockcote Polymer Render High Build Grey to avoid excessive drying time. This is to avoid excessive drying times.
- **Must be over coated with a suitable texture coating or membrane as soon as practicable after it has dried.**
- The moisture content of dried Rockcote Polymer Render High Build Grey must be less than 15% WME at all areas of the coating before over coating

- Do not apply cement based renders or specialty coatings over Rockcote Polymer Render High Build Grey. Only conventional thermoplastic exterior grade acrylic coatings are suitable for use over this product. If specialty coatings are to be used then contact ROCKCOTE for more information.
- Unsuitable for tinting

STORAGE, SAFETY & HANDLING

Refer to the ROCKCOTE MSDS for Polymer Render Hi Build

- Pails should not be stacked more than three high during transportation and should be stored out of direct sunlight and above 4°C
- In the case of Rockcote Polymer Render Hi Build Grey, if ingestion occurs, drink at least two glasses of water and consult a doctor as soon as possible
- Wear protective clothing to minimise skin contact and wear goggles where spatter is likely.
- Avoid prolonged skin contact and particularly eye contact. If eye contact occurs, flush thoroughly with clean water and see a doctor as soon as possible
- Where spills occur, soak up liquid spillage with sand/sawdust and dispose of in accordance with council regulations
- Clean up equipment and area with water. Do not permit run-off to sewer, storm water or open bodies of water

Indemnity

ROCKCOTE Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, ROCKCOTE Enterprises Pty Ltd reserves the right to change these specifications without further notice.

