

TECHNICAL DATA SHEET

ROCKCOTE Earthen Render Medium

Last Updated August 2013

Description ROCKCOTE Earthen Render Medium is composed of high quality natural earth materials, washed and graded sands, various clays and proprietary additives. ROCKCOTE Earthen Render Medium is designed to be sponge finished and painted, or left in its natural state. It is also suitable to be overcoated with other ROCKCOTE Clay products. ROCKCOTE Earthen Render Medium is a versatile product that is suitable for application over properly prepared substrates ranging from plasterboard to straw bale.

Features

- 10 year warranty*
- Easy to use
- Free of Dangerous chemicals
- Low embodied energy
- Fully recyclable, easily incorporated back into the environment
- Can be sponge finished
- Can be applied to a total thickness of 15mm

Benefits

- No odour
- No residual off-gassing of chemicals
- People and planet friendly
- Improves internal air quality

Uses • Suitable for use over properly prepared substrates such as brick, block, concrete, A.A.C. panels/blocks, plasterboard, straw bale and bamboo lath • Suitable for interior and sheltered exterior use • Can be coloured with oxides • Can have added coloured sands, quartz, marble chips, dry straw, crushed glass and other decorative elements up to 10% by volume for added aesthetics • For added durability, apply ROCKCOTE Repel

Colours and Gloss ROCKCOTE Earthen Render Medium is a natural earthy terracotta colour, but can be tinted with oxides onsite if required

Sheen Level N/A

Typical Data at 25 °C and 50% Relative Humidity

Coverage Rate Approximately 3m²/20kg @ 3mm build. Approximately 1m²/20kg @ 10mm build

Film Build Optimum results are normally achieved by applying 2 - 15mm thick per coat. ROCKCOTE Earthen Render Medium should not be applied in a single coat greater than 10mm

Drying Time ROCKCOTE Earthen Render Medium dries in approximately 48 - 72 hours under normal drying conditions when applied to a thickness of 3 - 6mm. Thicker applied coats may take longer. (Dry times vary with changes in temperature, humidity and residual moisture in the substrate). When used internally, it is very important to open windows & doors allowing fresh air ventilation to speed up the drying

Dry to Recoat Recoating must only be attempted after the underlying coats have completely dried to a WME of no greater than 15%. Underlying coatings must be roughed up to give a strong key surface for further coats to adhere

Abrasion Resistance Excellent

Usual No Coats 1 or 2 coats

Packaging Sizes 20 Kg Bags

Substrate Conditions • ROCKCOTE Earthen Render Medium should only be used over dimensionally stable masonry substrates with a strong key surface • All surfaces must be clean and free from dirt, dust, oil, grease, silicone or loose materials before application • Plaster board and fibre cement sheet must have joints set and filled with ROCKCOTE Smooth Sanding Patch and then left to dry to a WME of 15% before over coating with ROCKCOTE Texprime • Large hollows and deviations in masonry surfaces are first filled and screeded with ROCKCOTE Earthen Render Medium and left to dry and cure for 72 hours, or when WME is 15% prior to application of finish coats • Low suction substrates such as smooth concrete or smooth bricks should be treated with ROCKCOTE Keycote prior to the application of ROCKCOTE Earthen Render Medium after being cleaned • Over highly porous surfaces such as (A.A.C. Hebel), seal first with one coat ROCKCOTE Acrybond mixed with an equal part of water to control suction and improve adhesion

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Mixing	N/A
Application	<p>APPLICATION For traditional hawk and trowel hand application, mix approximately 20kg of ROCKCOTE Earthen Render Medium to 4.6 – 5.2L of clean cool water for a minimum of 3 minutes. Use suitable high speed power mixer with a paddle type mixing blade. Allow mixture to activate for 10 - 15 minutes and adjust consistency by adding a little more water if required. FINISHING, ROCKCOTE Earthen Render Medium can be screeded, floated, trowelled, sponged, texture brushed and undulated to give many desired texture finishes. Care must be taken not to damage the undried finish once completed. During periods of excessively wet or humid weather, fans or dryers should be used to accelerate drying and to reduce the possibility of mould growth</p>
Safety Data	Refer ROCKCOTE Earthen Render Medium MSDS
Precautions and Limitations	<ul style="list-style-type: none">• Should not be applied over unsealed cement sheet, unsealed plaster board, or previously painted surfaces not specified by ROCKCOTE• Should not be applied in temperatures below 8°C or in very hot and windy conditions above 30°C• Protect from freezing temperatures for 48 hours after application• Not for use in areas subject to direct or wind-driven rain, or over active chimney flues• Not for use on top of horizontal areas exposed to rain and water run-off• Not for use in splash back areas• Must not be applied below garden bed soil surfaces• Must not be applied to areas where continuous moisture resides
Transport and Storage	ROCKCOTE Earthen Render Medium must be kept dry during transport and storage.
Disclaimer	<p>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. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.</p> <p>* WHEN USED AS PART OF A FULL ROCKCOTE SYSTEM.</p>