

Product name:

Rockcote Earthen Clay Decor Interior Plaster

Description:

ROCKCOTE Clay Plaster Decor is composed of high quality natural earth materials manufactured to exacting specifications, composed of high quality washed and graded sands, various clays and proprietary additives. ROCKCOTE Clay Plaster Decor is designed as a decorative finishing render that can be tinted to a range of earth tones using natural oxides. Dry, clean, chopped wheat straw, rice husks, quartz chips, marble chips and shells can be added to create beautiful and unique effects.

Recommended for Internal surfaces and on sheltered areas for external use, providing it is protected from rain until desired finish coats are applied, or over-coated with acrylic clear sealer when finish coats are not required.

Features

- Easy to use
- Free of Dangerous chemicals
- Low embodied energy
- Fully recyclable, easily incorporated back into the environment

Benefits

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

Typical Use:

- Suitable to go over properly prepared substrates such as block, concrete, plasterboard linings and prepared plaster surfaces
- Can be coloured
- 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 Resene Aquapel

Limitations:

- Should not be applied over unsealed cement sheet, unsealed plaster board, or previously painted surfaces
- 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 overactive 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 grade
- Must not be applied to areas where continuous moisture resides

Technical Data:

Typical Data at 25°C and 50% Relative Humidity

Mix ratio:	15kg plaster requires approx. 4.5 Litres of water
Coverage:	Approximately 3.7m ² /15kg @ 2mm build Approximately 1.2m ² /15kg @ 6mm build
Substrates:	all prepared base coats of plaster, plasterboard
Abrasive strength:	Excellent
Adhesion:	Good
Vapour Permeability:	No vapour barrier formed
VOC:	N/A
Colour:	off white
Packaging:	15kg bags
Clean up:	Water while product is wet
Use by:	12 months from date of manufacture
Storage:	Cool, dry place, off the ground
Application Temperature:	+ 5 °C to + 30 °C
Usual No Coats:	1
Drying Time:	24-48 hours (2-4mm thick in a vented area)
Touch Dry:	4 hours
Dry to Recoat:	24 hours
Film Build:	Optimum results are normally achieved by applying 2 to 4 mm thick per coat. ROCKCOTE Clay Plaster Decor should not be applied in a single coat greater than 6mm
Thinning:	N/A
Mean Vapour Flow Rate:	71.82 g/m ² d (ASTM E96/E96M-13 Water Method)
Mean Resistance:	1.54 MNs/g (ASTM E96/E96M-13 Water Method)
Fire Group Classification:	1-S (Test in accordance with ISO 5660:2002)

Surface Preparation:

ROCKCOTE Clay Plaster Decor 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

- Plasterboard and fibre cement sheet must have joints set and filled then left to dry to a (Wood Moisture Equivalent) of 15% before over coating with ROCKCOTE Texprime
- Large hollows and deviations in masonry surfaces are first filled and screeded with ROCKCOTE Clay Plaster Bodycote and left to dry and cure for 72 hours, or when WME (Wood Moisture Equivalent) is 15% prior to application of the ROCKCOTE Clay Plaster Décor
- Dry masonry surfaces with high moisture absorbing demands may be wetted with clean water.
- Do not apply ROCKCOTE Clay Plaster Décor until the wet look has receded and the surface has absorbed the free water
- Low suction substrates such as smooth concrete or smooth bricks should be treated with a slurry coat prior to the application of ROCKCOTE Clay Plaster Décor after being cleaned.
- Over highly porous surfaces such as (A.A.C. Hebel), seal first with one coat Resene Construction Systems Acrybond mixed with an equal part of water to control suction and improve adhesion

Mixing:

For traditional hawk and trowel application, mix approximately 15kg of ROCKCOTE Clay Plaster Decor to 3 – 3.4L of clean cool water for a minimum of 3 minutes. Use a 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.

When adding the liquid colour, fibre or aggregate for colour and appearance on site, be very accurate when measuring out additives for each bag of EARTHEN Clay Decor.

Application:

ROCKCOTE Clay Plaster Decor 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. Dry, clean, chopped wheat or rice straw can be added up to 50% volume. Washed coloured sands, quartz, marble chips and shells can also be added up to 10% volume to create the desired finish. 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. Can be applied successfully, in single coats as low as 2mm, and up to 6mm.

Curing:

Curing takes up to 28 days. This is dependent on humidity, substrate and drying rates in the room. The product once polished is hard enough for normal expected use within 28 days.

Clean up:

Wash equipment and spills as soon as possible with water.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste should be disposed of in empty bags, once dry dispose of in trade waste. The powder is an irritant and appropriate PPE dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust masks and safety glasses when handling products.

Material Safety Data Sheets are available upon request or access directly from <https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>