

EARTHEN Clay Decor – data sheet

EARTHEN Clay Decor – Designed as the dominant coloured finishing coating for use over EARTHEN Body coat or other prepared substrates.

A pre-blended polymer modified Clay Plaster manufactured to exacting specifications from high quality materials. EARTHEN Clay Decor only requires the addition of clean water and mixing before application and is suitable for traditional hawk and trowel application.

Can be applied successfully, in single coats as low as 2mm, and up to 6mm.

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.

Composition

EARTHEN Clay Decor is composed of high quality natural earth materials, washed and graded sands, various clays and proprietary additives. 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.

Adhesion

Substrate should be frost free. Adheres well to standard and difficult masonry substrates, such as clay and concrete bricks/blocks, AAC lightweight concrete and off form concrete, when a good mechanical key is present and properly cleaned. Plaster board and fibre cement sheet can also be over-coated, only when EARTHEN Keycote (Rockcote RenderPrime with 30% EARTHEN Bodycote or EARTHEN Decor added) has been applied previously. Before over-coating large areas, ROCKCOTE recommends testing on a small area to evaluate adhesion to the substrate or underlying coating.

Colour

EARTHEN Clay Decor contains natural earth raw materials, slight colour variations cannot be ruled out. When adding EARTHEN 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. Follow the mixing instructions provided. ROCKCOTE takes no responsibility for additive colour variations when added and mixed in on site.

Limitations

- 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.
- Protect from wind driven and heavy rain 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.

Surface preparation

- EARTHEN Clay 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.
- Plaster board and fibre cement sheet must have joints set and filled then left to dry to a WME of 15% before over coating with EARTHEN Keycote.

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- Large hollows and deviations in masonry surfaces are first filled and screeded with EARTHEN Clay Decor and left to dry and cure for 72 hours, or when WME is 15% prior to application of finish coats. Dry masonry surfaces with high moisture absorbing demands may be wetted with clean water. Do not apply EARTHEN Clay Decor 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 EARTHEN Keycote prior to the application of ROCKCOTE Clay Plaster Bodycote after being cleaned. EARTHEN Keycote is prepared by mixing Rockcote RenderPrime with 30% EARTHEN body coat with and applied to the wall with a heavy nap roller. This coating should be allowed to dry for 48 hours before applying EARTHEN Clay Bodycote.
- Over highly porous surfaces such as (A.A.C. Integra Panel), seal first with one coat ROCKCOTE Acrylbond mixed with an equal part of water to control suction and improve adhesion.

Application

EARTHEN Clay Decor can be applied by traditional hawk and trowel. It is important to mask up all surrounding surfaces before Plastering, especially aluminium window frames and glass, to avoid contact with EARTHEN Clay Decor.

Exterior Use (must be sheltered) – Resene Aquapel clear sealer top coat

EARTHEN Clay Decor has been specifically formulated with moderate water resistance properties. When EARTHEN Clay Decor is used in sheltered, exterior environments, the surface must be sealed with one coat of Resene Aquapel. This will give the Plaster surface improved water and dirt resistance, reduce moisture ingress, mould and fungi growth and reinforce the surface strength of the EARTHEN Clay Decor coating. A clear, acrylic sealer will enable light washing of the coating to remove dirt, dust and light stains.

Before application of Resene Aquapel the dry EARTHEN Clay Decor surface should have moisture content of less than 15%WME. Acrylic clear sealer may change and slightly darken the final coloured appearance. ROCKCOTE recommends a large test panel be done first to evaluate colour appearance.

Pack Size	15kg bags. Pallet lots are 50 x 15kg bags
Activation Mix	For traditional hawk and trowel hand application, mix approximately 15kg of Clay Plaster Decor to 3 – 3.4L 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.
Wet film thickness per coat	Optimum results are normally achieved by applying 2 to 4 mm thick per coat. Clay Plaster Decor should not be applied in a single coat greater than 6mm
Drying (55% Relative Humidity, 25°C)	Clay Plaster Decor dries in approximately 24 - 48 hours under normal drying conditions when applied to a thickness of 2 – 4mm. 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.
Colour	Natural colour is off white to white. EARTHEN Liquid Colour, fibres and aggregates will change colour of Clay Plaster Decor. ROCKCOTE recommends a sample panel be done before applying Clay Plaster Decor to the required surface to evaluate correct colour. Refer to EARTHEN colour selections for available colours.
Recoating	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.