

TECHNICAL DATA SHEET

ROCKCOTE KEYCOTE

Last Updated July 2016

Description ROCKCOTE Keycote is a cementitious polymer modified adhesive base coat manufactured to exacting conditions from high quality, washed and graded sands, Off White Portland Cement and proprietary additives conforming to Australian Standard 3972. ROCKCOTE Keycote is ideal for use as a base coat over fibre cement sheets, provided that a minimum of 2mm dry film build of acrylic render is used as a finish coat. ROCKCOTE Keycote can provide a very strong adhesive bond to difficult substrate surfaces such as smooth masonry & clay block surfaces and properly cleaned & prepared pre-painted surfaces, prior to the application of cement based renders.

Features

- *10 year warranty
- Only requires addition of water
- Easy to use
- Exhibits minimal shrinkage

Benefits

- Tough
- Water resistant

Uses

- Designed for use as a base coat over smooth masonry and painted surfaces, fibre cement sheeting, off form concrete and tilt up precast concrete panel
- Can be used interior and exterior

Colours and Gloss N/A

Sheen Level N/A

Typical Data at 25°C and 50% Relative Humidity

Coverage Rate Approximately 10m²/20kg @ 1.4mm build

Film Build Optimum results are normally achieved by applying 1.4-2mm thick for one coat. Application is not recommended in a single coat greater than 3mm thick.

Drying Time Dries in approximately 4-8 hours under normal drying conditions. (Dry times vary with changes in temperature and humidity and residual moisture in the substrate).

Curing Time 24-48 hours Once initial dry set has occurred, rewet 1 - 2 to times a day with clean water for 1 day. This is especially important during hot and/or windy weather.

Pot Life 1.5-2 hours

Abrasion Resistance Excellent

Usual No Coats Suitable for multiple coat application

Packaging Sizes 20 Kg Bags

Clean Up Clean with water immediately after use if render has not cured. Remove any unwanted material or spatter from surfaces with water as soon as possible and preferably before dry. Recently dried render may be more easily removed with warm water and detergent.

Substrate Conditions

- Must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants
- All substrates must be installed as per manufacturers' specifications prior to application
- Do not apply if air and surface temperatures are below 5°C or above 35°C

Flooring Installation N/A

Mixing N/A

Application

- Mix 20kg of ROCKCOTE Keycote with 4.8 – 5.0 litres of clean water for a minimum of 3 minutes, let stand for 3 minutes, re-mix and adjust consistency if required
- For masonry surfaces, wet down the wall and once the sheen has receded apply ROCKCOTE Keycote to the entire surface and leave rough to provide optimum adhesion for subsequent coats
- For using as a base coat over off form concrete or tilt up precast concrete Panels ROCKCOTE Keycote can be applied in one or two coats and finished with a Plastic trowel or similar to achieve the desired finish

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- For best results, ROCKCOTE Keycote is to be applied to a minimum thickness of 1.4mm, leaving surface suitably keyed to provide optimum adhesion for subsequent coating
- ROCKCOTE Keycote must be cured for a minimum 48 hours before over coating
- The application of ROCKCOTE Keycote is a specialist procedure and should only be carried out by a skilled and experienced applicator in accordance with ROCKCOTE Technical Specifications

Safety Data

Refer ROCKCOTE Keycote SDS

Precautions and Limitations

- Should not be applied over silicone-based painted surfaces, or any surface or system not specified by ROCKCOTE
- Should only be applied to glossy impervious painted surface when correctly prepared surface has been roughened for a satisfactory key for ROCKCOTE Keycote to adhere
- Should not be applied in temperatures below 5°C or in very hot and windy conditions or above 35°C
- Protect from freezing temperatures for 24 hours after application
- Protect from heavy rain for 8 hours after application
- When using ROCKCOTE Keycote as a basecoat within a ROCKCOTE coloured render system, a tinted ROCKCOTE acrylic primer must be applied prior to application of coloured render
- ROCKCOTE Keycote must be used prior to use by date
- ROCKCOTE Keycote is not suitable for application in swimming pools

Transport and Storage

- ROCKCOTE Keycote must be kept dry during transportation and storage
- When working with ROCKCOTE Keycote, observe the usual precautions for handling cement based products
- Avoid inhalation of the powder, prolonged skin contact and particularly eye contact
- If contact occurs, flush thoroughly with clean water
- Wear protective clothing to minimise skin contact and wear goggles where spatter is likely
- Where spills occur, sweep up dry material or soak up liquid spillage with sand/sawdust and remove to suitable disposal
- ROCKCOTE Keycote must be used within 1 year of manufacture

Disposal

- Dispose of in accordance with local council regulations

Disclaimer

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.

* WHEN USED AS PART OF A FULL ROCKCOTE SYSTEM.