

Product Data Sheet

Mineral TC

K Rend Mineral TC is a cement based, polymer modified, through-coloured mineral thin coat render, containing a silicone water repellent and requiring only the addition of water followed by appropriate mixing. When applied as per manufacturer's instructions, Mineral Thin Coat provides an attractive, low maintenance finish. K Rend Mineral Thin Coat is Kitemarked and CE Marked to BS EN 998-1:2016 under an ISO 9001:2015-certified quality management system.

Mineral Thin Coat is available in two textures and in 4 standard colours:

Mineral TC 2 - 2mm maximum particle size
Mineral TC 4 - 4mm maximum particle size

It provides excellent application and adhesion properties and, due to the incorporation of silicone water repellents, exhibits superior water resistance while maintaining water vapour permeability. Following appropriate preparation, Mineral TC can be applied to a wide variety of substrates.

Mineral TC has faster drying times at lower temperatures and higher relative humidity than most conventional organic polymer-based thin coat renders.

Although primarily for external application, Mineral TC can be used internally.

KITEMARK CLASSIFICATIONS

Compressive Strength: CS III
Capillary water Absorption: W2
Thermal Conductivity: P=50% -0.45

COVERAGE

Mineral TC 2 - largest grain 2.0mm:
coverage = approximately 2 - 2.5 kg/m²

Mineral TC 4 - largest grain 4.0mm:
coverage = approximately 4.5 - 5.0 kg/m²

These figures depend on substrate and applications technique.

PREPARATION

- A test panel to check colour and final appearance is recommended.
- It is recommended that a K Rend basecoat is applied for K Rend Mineral TC.
- Backgrounds should be clean, level and dry and free from efflorescence.
- Mask all adjacent surfaces including windows, sills, doors, timber, glass, brick & flooring.
- Protect weather exposed surfaces.

APPLICATION

- The temperature of the substrate and surrounding air should be 1 °C and rising.
- Do not apply in conditions of strong sunshine or wind; do not apply onto damp or frozen substrates.
- Allow freshly applied render basecoats a minimum of 14 days before work commences.
- Prime walls using K Rend Primer TC, colour co-ordinated to topcoat and allow 24 hours drying time for primer before applying topcoat.
- Add 5-6 litres of clean water per 25kg sack.
- Mix thoroughly for at least 10 minutes to break down additives.
- Apply the product to the thickness of the largest grain size using a stainless-steel float; allow to take up slightly. The surface is then rubbed up in a circular motion using a plastic float to create the texture.
- Complete continuous surfaces without interruption, working to a wet edge at all times.
- Drying times may be prolonged by lower temperatures and/or high humidity.
- The fresh render must be protected from rain and from drying too fast.

SITE CONDITIONS

- K Rend Mineral TC should be used when the temperature is between 1 °C and 20 °C
- K Rend renders must not be applied to frozen or thawing supports. If the coating is to be applied in adverse weather conditions, it is essential to protect the working area and finish before and after application

CLEANING

- All equipment should be cleaned with water after use.
- Set nibs from the mixer can cause problems. Residue must not enter drainage systems.

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PACKAGING

- K Rend renders are usually packed 40 sacks per 1.0 tonne pallet.
- All render sacks must be protected on site.
- Shelf life is approximately one year if stored off ground in original, sealed containers and protected against frost and away from direct sunlight.
- It is important to note that all K Rend renders are non-returnable.

OTHER INFORMATION

A technical advisory service is available on request

In line with our policy of continuous product development, we reserve the right to change technical data without notice.



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