

## Product Data Sheet

### K MIX STONE CLADDING ADHESIVE

K Mix Stone Cladding Adhesive is a cement based and polymer modified adhesive which is designed to fix stone cladding and tiling to various substrates in exterior applications. It only requires the addition of water and thorough mixing prior to use. K Mix Stone Cladding Adhesive is manufactured in accordance with a quality system approved to BS EN ISO 9001:2015 by BSI registration number FM85394.

K Mix Stone Cladding Adhesive is a normal setting, cement-based adhesive which has enhanced slump resistance to assist during application. It can provide a strong bond to a variety of substrates and, once fully set, is suitable for both dry and wet environments.

#### FEATURES & BENEFITS

- For external use
- Only requires the addition of water and mixing before use
- Easy to apply

#### COVERAGE

Density: approximately 1.5 kg/m<sup>3</sup>

Coverage: 1.5 kg/mm thick/m<sup>2</sup>

25 kg gives approximately 16 litres of material

Require: approximately 4.5 - 9 kg/m<sup>2</sup>

Nominal 3-6 mm bed thickness

#### PREPARATION

- New concrete, brickwork or blockwork should be allowed a minimum of 6 weeks prior to application. Any new rendering should be at least 2 weeks old prior to application.
- All surfaces must be sound, clean, dry and free from any loose or friable material.
- Install flexible joints for movement where appropriate. Mask all adjacent surfaces including windows, sills, doors, timber, glass brick & flooring.
- Protect weather exposed surfaces during drying.

#### APPLICATION

- Add 25 kg of K Mix Stone Cladding Adhesive to 8 litres of water.
- Mix thoroughly for at least 10 minutes to break down the additives to give a slump free, easily worked adhesive.

- K Mix Stone Cladding Adhesive can be applied using traditional bricklaying tools, including a hawk and trowel.
- Apply the adhesive to the substrate to create a bed of 3-6mm thickness.
- Bed tiles firmly into adhesive using a slight twisting action to ensure good contact.
- A solid bed of adhesive should be used for external applications and areas which may become wet during use, ensuring that there are no voids in the final bed of adhesive.
- Do not apply this product at temperatures below 5°C or above 35°C.
- The product should not be applied to frozen or thawing substrates.
- In cold weather, or if frost is forecast, work should stop in time to allow the material to set sufficiently to prevent frost damage.

#### CLEANING

Clean tools and equipment with water immediately after use. Residue must not enter drainage systems.

#### PACKAGING & STORAGE

- K Mix Stone Cladding Adhesive is usually packed in 25kg sacks, with 40 sacks per 1 tonne pallet.
- All product sacks must be protected on site.
- The shelf life is approximately one year if stored off ground in original, sealed bags and protected against frost and away from direct sunlight.
- It is important to note that all K Mix products are non-returnable.

#### Technical advice

For use of this product, please seek technical advice by contacting your sales representative.

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The information provided in this datasheet is based on current knowledge and laboratory testing. In line with our policy of continuous product development, we reserve the right to change technical data without notice and the end user should ensure the latest document version is used. Kilwaughter Minerals Ltd accepts no responsibility or liability for the suitability of a product or its use, due to having no control over its application or conditions during application. Existing intellectual property rights are to be observed.



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