

KWA – ZULU NATAL

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## MULTI SKIM COAT PLASTER

### Cementitious Fibre Reinforced Product

#### Description

**Multi Skim Coat Plaster** is a cementitious fibre reinforced product specially formulated for the application by normal steel trowelling onto mortar, concrete blocks and bricks to seal pores and voids and render the surface waterproof.

**Multi Skim Coat Plaster** is a pre-mixed ready to use dry powdered product consisting of a precise blend of fibres, redispersable powders, waterproofing chemicals, set retarders and fine silicious fillers.

#### Typical Applications

**Multi Skim Coat Plaster** is damp proof and decorates masonry and concrete surfaces. The product can be applied onto interior and exterior surfaces above or below grade. **Multi Skim Coat Plaster** can be applied to concrete, mortar, block, brick; stone, precast elements, cement plaster and other properly prepared structurally solid wall surfaces.

#### Mixing Instructions

- Pour approximately three quarters of the required mixing water into an empty clean container and begin slow mixing while adding the **Multi Skim Coat Plaster** powder.

#### Mixing Instruction cont'd

- Gradually add more **Multi Skim Coat Plaster** to the mixed liquid slurry until the required consistency – a blended pancake batter – is obtained.
- Stop mixing and allow the mixed material to “fatten” for 5 minutes.
- Remix the slurry of **Multi Skim Coat Plaster** after the above period.
- Water adjustments will have to be made on site and is dependent upon weather conditions.
- Do not add more water once the mixture has lost its workability.

#### Directions For Use

- Ensure that the surface to be coated is structurally sound and clean. Dirt and dust should be removed by wire brushing. The **Multi Skim Coat Plaster** application will not bind to loose, flaky or deteriorated mortar or concrete. If the surface is very porous, a key coat may be required.
- Thoroughly mix the **Multi Skim Coat Plaster** (Refer mixing instructions)

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**MULTI CONSTRUCTION  
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### Directions For Use cont'd

- Saturate the mortar/concrete surface and ensure it remains damp throughout the **Multi Skim Coat Plaster** application. Re-saturate the surfaces if necessary.
- Using a standard steel trowel, apply the **Multi Skim Coat Plaster** to the damp surface as a thin coating.
- Finish off the **Multi Skim Coat Plaster** by dabbing water onto the surface using a block brush and then steel trowelling to specified requirements.
- Let the applied coating of **Multi Skim Coat Plaster** cure for 24 hours before applying the decorative coating.

### Coverage

One 25kg bag of **Multi Skim Coat Plaster** mixed with 5 litres of potable drinking water will yield approximately 15 litres of mixed slurry. At 3mm thick it will cover approximately 5m<sup>2</sup>.

### Strength Development

The strength development of **Multi Skim Coat Plaster** is dependent upon the water demand of the powered product and temperature of the environment.

### Technical Properties

Density	2.02 kg/L
Pot Life	20-25 min
Layer Thickness	3-10 mm
Compressive Strength	Approx. 15-18 N/mm <sup>2</sup>
Water Requirement	5L/25 kg bag
Time before painting	24 hrs
Temp. Range	15°C-25°C
Setting Time	8-12 hours temperature dependent

### Cleaning Instructions

Clean all mixing and application equipment with water immediately after use. Clean any spatters or spills with water before material sets.

### Quality Assurance

Multi Construction Chemicals (PTY) LTD's production and testing programmes comply with local and international standards.

### Updates

This data sheet supersedes all previous issues prior to this date April 2023.