



TECHNICAL DATA SHEET

MULTI SKIM COAT PLASTER

PAS-TDS-RPR-012

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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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 5m².

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 ²
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

Pasiffire SD Projects (Pty) Ltd production and testing programmes comply with local and international standards.

Updates

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