

## Technical Data Sheet

# Stoanz Poren Plaster

Basecoat or Reinforcement Plster for AAC or Masonry Substrates

## Product Description

### Type of Material

Poren Plaster is a graded sand, White cement, high grade lime supplement, reinforcing fibre and additive, dry mixed product for use over AAC substrates.

In conjunction with Glass Fibre Mesh Poren Plaster is designed as a high strength reinforcement product over AAC substrates. Min. Applied Thickness – 3mm

Max. Applied Thickness – 6mm

### Binder

White Cement

### Fillers

0-2mm base sand, high grade lime supplements.

### Additives

Adhesion Improver, water retention, organic fibres and flow improvers which enhance workability and mechanical application

## Use

A Fibre Reinforced Cementitious base coat plaster for application over AAC substrates, followed by an appropriate textural coating system.

### Area of Use

Interior and Exterior walls.

## Application

### Substrate Preparation

Substrate should be clean, free from any contaminants which may hinder adhesion of the product to the substrate surface. Any deviations must be patched ensuring a true surface prior to Poren Plaster Application. AAC substrate may be damp upon application but no standing water is to be evident on the substrate surface.

### Material Preparation

Add a 25kg bag of Poren Plaster to approx. 4.60 litres (23%) of clean water. Material should be mixed until it is free from lumps. Allow to stand for 5 minutes mix briefly again. The material is now ready for use. Pot life is 1-3 hours dependant on climatic conditions.

### Application Method

Apply the material over AAC Substrate at 3-6mm thickness; apply glass fibre mesh into the fresh material surface. Trowel in the mesh until covered with material. A butterfly or large trowel may be used to smooth the surface to a satisfactory level ready for the textural coating system.

### Application Conditions

Poren Plaster is to be applied within the temperature range 5-25°C.

Plan application so fresh applied walls are in the shade to ensure loss of hydration of applied material.

Allow a minimum of 48 hours (climate dependant) of curing prior to over coating.

### Cleaning of tools

Immediately after use.

### Quality Control

Poren Plaster is manufactured to specification in New Zealand utilising automated weighing and batching equipment in conjunction with a strict quality control regime, the manufacture of this product is guaranteed.

## Storage

The material must be kept dry and sealed, stored off the floor in a manner where moisture cannot come into contact with the bag or its contents.

This Product has a shelf life of 12 months after date of manufacture if stored as detailed above.

Fresh Mortar Volume (V)	(mixed with water)	760 litres of mixed material per ton of dry =19.0litres of mixed material per 25kg bag
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Fresh Mortar Weight	(mixed with water)	1.40 Kg per litre
Dried Weight	(approx.)	9.1kg/m <sup>2</sup> (at 6mm)applied thickness

Applied to Wall	3.15m <sup>2</sup> per 25kg bag @ 6mm thickness (approx) 6.30m <sup>2</sup> per 25kg bag @ 3mm thickness (approx)
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\*Figures stated on TDS are given as a guide only.

Figures are based on a flat substrate with no deviations in substrate or material thickness.

