

# JURCEM<sup>®</sup>

## WATERPROOFING PLASTER



### 裕昇防水型抹壁砂浆

Cement-based Waterproof Plastering System

JURCEM WATERPROOFING PLASTER is a premium quality cement-based waterproof plastering system. Combined with good physical performances and excellent waterproofing property to form a durable hydrophobic protective plaster layer to most concrete and brick wall substrates.

It is especially intended for thick to medium plastering or for improving the surfaces of concrete and block-wall surfaces. It can also be used as a final coat on cement based render, or for general filling, levelling and patching jobs for tiling, brick laying and etc.

JURCEM SKIMCOAT PLASTER is highly recommended as a final coat over JURCEM WATERPROOFING PLASTER.

#### TYPICAL PROPERTIES

Colour	Grey
Binder Phase	Portland Cement
Filler Materials	Graded Silica Sand
Density (wet)	Approx. 1,800 kg/m <sup>3</sup>
Adhesion Strength	≥ 0.75 N/mm <sup>2</sup> @ 14days
Tensile Strength	≥ 1.5 N/mm <sup>2</sup>
Compressive Strength	> 6 N/mm <sup>2</sup> @ 28days
Water Absorption	< 3%
Stiffening Time (Lab. condition)	1.0 N/mm <sup>2</sup> > 240 mins 2.0 N/mm <sup>2</sup> < 500 mins
Pot Life	1 hour
Quantity of water	6 to 6.8 litres of water per 40 kg bag
Coverage	Approx. 2.6m <sup>2</sup> / 40 kg bag / 10 mm thickness
Coat thickness	5 to 10 mm per coat

#### AREAS OF APPLICATION

1. Interior and exterior applications to dry and wet areas for new and upgrading projects
2. Applicable to all types of concrete and masonry surfaces
3. Excellent for external wall, retaining walls, water tanks, manholes, foundations, toilets, kitchens and swimming pools

#### APPLICATION METHOD

##### Surface Preparation

The substrate must be clean and free from grease and loose particles. Porous and absorbent substrates must be pre-wetted prior to application of JURCEM WATERPROOFING PLASTER to prevent premature loss of water from the plaster. This will ensure that thin layers can be applied without cracking problems and proper cement hydration and adherence of the mortar to the substrate is attained.

##### Mixing

Use about 6 to 6.8 litres of water per 40 kg bag of JURCEM WATERPROOFING PLASTER. Pour the powder while mixing for at least 3 minutes with a mechanical mixer to achieve a good trowellable consistency. Do not overmix.

##### Placing

Apply plaster to the substrate, using some pressure while finishing with a steel trowel or wooden float to ensure optimum bonding of the plaster to the substrate surface.

##### Cleaning

Clean tools with water immediately after use. Cured materials can only be removed mechanically.

#### PACKAGING

40 kg bag

#### SHELF LIFE

12 months if stored in original sealed packaging under dry and cool condition.

#### SAFETY PRECAUTIONS

JURCEM WATERPROOFING PLASTER is non-hazardous, but due to the cementitious nature, it is advisable to wear a filter mask and protective clothing. In case of eye contact, wash copiously with water and if irritation persists, seek medical treatment.

For more detailed information, please refer to Material Safety Data Sheet.

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