

JURCEM[®]

ALC BLOCK PLASTER



裕昇轻质混凝土用型抹壁砂浆

Thin Plaster for Light Weight Blocks

JURCEM ALC BLOCK PLASTER is a premium quality cement based fine plastering system with excellent water retention, adhesion and workability properties.

It is especially blended for the filling up, patching, levelling and as well as thin to medium thickness base coat on aerated lightweight concrete (ALC) blockwalls, solid brickwalls, hollow concrete blockwalls or even on smooth concrete wall.

For final coat over JURCEM ALC BLOCK PLASTER, JURCEM SKIMCOAT PLASTER is highly recommended.

TYPICAL PROPERTIES

Colour	Grey
Binder Phase	Portland Cement
Filler Materials	Graded Silica Sand/ Limestone
Density (wet)	Approx. 1,700 kg/m ³
Adhesion Strength	Approx. 0.5 N/mm ² @28 days
Compressive Strength	Approx. 6 N/mm ² @28 days
Setting Time (Lab. Condition)	<8 hours
Pot Life	Approx. 1 hour
Quantity of water	9 to 10.5 litres of water per 40 kg bag
Coverage	Approx. 30 m ² / 40kg bag / 1 mm thickness
Coat thickness	3 to 5 mm per coat

AREAS OF APPLICATION

1. Interior and exterior walls
2. Ceilings
3. Recess in walls and ceiling

APPLICATION METHOD

Surface Preparation

The substrate must be sound, clean and free from grease, loose particles or other foreign materials. Porous and absorbent substrates must be pre-wetted prior to application of JURCEM ALC BLOCK 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 9 to 10.5 litres of water per 40 kg bag of JURCEM ALC BLOCK PLASTER. Measure out this amount of water into a mixing drum. Add in all the powder contents of the bag while mixing continuously for at least 3 minutes with a mechanical mixer to achieve a good trowellable consistency. Move the mixing paddle around the drum to ensure that mix is lump free. Do not overmix as this can cause premature setting.

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.

When applying several coats, the previous coat must be sufficiently dry before the following coat is applied.

To further enhance the wear resistance and adhesion of JURCEM ALC BLOCK PLASTER, JURCEM BONDING AGENT is recommended. Please refer to individual Product Data Sheet for more details.

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 ALC BLOCK PLASTER is a 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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