

# JURCEM<sup>®</sup>

## SELF-FLO UNDERLAYMENT



### 裕昇自流平地面找平砂浆

Self-flowing Floor Underlayment

JURCEM SELF-FLO UNDERLAYMENT is a blend of selected binder, aggregates, shrinkage-compensating agents and polymers specially designed for the levelling of rough and uneven concrete floors to receive decorative floor finishes.

Carefully selected additives are used to achieve characteristic self-levelling properties with excellent flowability, workability and bond strength to the substrate.

JURCEM SELF-FLO UNDERLAYMENT can also be used on gradual slopes and laid to fall. It is best applied by machine and will facilitate speedy installation of the self-levelling screed.

#### TYPICAL PROPERTIES

Colour	Grey
Binder Phase	Portland Cement
Filler Materials	Graded Silica Sand
Density (wet)	Approx. 1,900 kg/m <sup>3</sup>
Particle Size	0.6 mm
Flexural Strength	>5 N/mm <sup>2</sup>
Compressive Strength	>6 N/mm <sup>2</sup> @1 day >20 N/mm <sup>2</sup> @28 days
Flow, BS4551	> 160 mm
Pot Life	Approx. 30 minutes
Quantity of water	6 to 7 litres of water per 25 kg bag
Coverage	Approx. 6 m <sup>2</sup> / 25kg bag / 3 mm thickness
Coat thickness	3 to 5 mm per coat

#### AREAS OF APPLICATION

1. Interior and exterior floor
2. Backing screed to floor tiles
3. Levelling of floor to specific thickness
4. Forming gradient to floor at wet areas to minimise water ponding

#### APPLICATION METHOD

##### Surface Preparation

The floor surface should be sound and thoroughly cleaned. All dirt, dust and loose debris must be removed. The floor must be pre-wetted before laying the screed and for porous surfaces, priming with JURCEM BONDING AGENT is recommended.

#### Mixing

Add a bag, 25kg, of JURCEM SELF-FLO UNDERLAYMENT to about 6 to 7 litres of water and mix for at least 3 minutes with an electrical mixer to achieve a homogeneous mixture. Ensure mix is lump free. The mix is now ready for use.

If machine applied, predetermine water level to be set and check by sampling before actually proceeding with laying of the screed.

#### Placing

Mix required amount and pour screed onto the substrate. After laying JURCEM SELF-FLO UNDERLAYMENT, use a spike roller to roll over the screed to facilitate the escape of entrapped air within the self levelling screed. It also helps to achieve the right level.

#### Curing

Carpets and tiles laying can commence after 24 hours of air curing of the screed.

#### Cleaning

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

#### PACKAGING

25 kg bag

#### SHELF LIFE

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

#### SAFETY PRECAUTIONS

JURCEM SELF-FLO UNDERLAYMENT 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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