

JURCEM TILEFIX is a polymer-modified, cement based, pre-packed and ready-to-use, tile adhesive. It consists of Portland cement, specially graded silica sand, minerals, polymer and other value-added additives.

The additives used are chloride and alkali free. It is recommended as a thin bed adhesive for vertical and horizontal application with good sag resistance. It is ideal for top down tiling application with general tiles.

TYPICAL PROPERTIES

Colour	Grey	
Density (wet)	Approx. 1,600 kg/m ³	
Binder Phase	Portland Cement and Polymer	
Filler Materials	Graded Silica Sand	
Tensile Adhesion Strength, EN 1348:1999	≥ 1.0 N/mm ² @28 days	
Tensile Adhesion Strength, after water immersion, EN 1348:1999	≥ 1.0 N/mm ² @28 days	
Tensile Adhesion Bond Strength, after heat aging, EN 1348:1999	≥ 1.0 N/mm ² @28 days	
Compressive Strength, ASTM C109	≥ 8 N/mm ² @28 days	
Deformity, EN12002:1998	2.5 mm minimum	
Pot Life	Approx. 5 hours	
Pack Size	25 kg bag	40 kg bag
Quantity of water	Approx. 6.8 to 7.3 litres per 25 kg bag	Approx. 10.8 to 11.6 litres per 40 kg bag
Coverage	Approx. 18 m ² per 1 mm thick per 25 kg bag	Approx. 29 m ² per 1 mm thick per 40 kg bag

AREAS OF APPLICATION

1. Vertical and horizontal application
2. Internal and external tile fixing

APPLICATION METHOD

Surface Preparation

Remove all deteriorated concrete, dirt, oil, grease and other bond inhibiting materials from surface. Cleaning should be done by sandblasting, high pressure water blasting, scabbling or other appropriate mechanical means. Pre-saturate surface with clean water. Substrate should be saturated-surface dry and free of surplus water prior to application. Preference will be for newly plastered walls or bedded floor.

Mixing

Add pre-mixed mortar gradually to the required quantity of water and mix for at least 3 minutes until a smooth, uniform, homogeneous consistency is achieved.

Placing

Apply mortar onto walls or floor with a notched trowel for sufficient work area within the open time. Lay tiles immediately onto the fresh adhesive and firmly fix it to ensure good contact behind the tiles.

Any adjustment of tiles should be done within the 15 minutes after installation, beyond which the existing adhesive should be removed and a fresh coat of adhesive should be reapplied to the substrates. JURCEM TILEFIX ENHANCER could be added to further enhance the adhesion strength, wear resistance and durability of JURCEM TILEFIX.

Cleaning

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

PACKAGING

25 kg bag or 40 kg bag
(Please confirm with JCL Representative.)

SHELF LIFE

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

SAFETY PRECAUTIONS

JURCEM TILEFIX 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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