

JURCEM[®]

REPAIR MORTAR



裕昇修补砂浆

Polymer Modified Repair Mortar

JURCEM REPAIR MORTAR is a two-pack polymer modified cementitious repair mortar. The drymix mortar comprises of Portland cement, oven dried, graded, high quality silica sands, hydraulic binders and chemical additives.

The liquid component is a polymer modified emulsion which is added as a gauging solution to increase adhesion and enhance its mechanical properties.

JURCEM REPAIR MORTAR is recommended for use as a basic repair mortar, in applications to vertical and overhead concrete surfaces, precast concrete, trafficable concrete floors and pavements and as a general purpose structural repair medium.

TYPICAL PROPERTIES

Colour	Grey
Binder Phase	Portland Cement
Filler Materials	Graded Silica Sand
Density (wet)	Approx. 1,900 kg/m ³
Tensile Strength BS EN 1015-12:2000	≥ 1.5 N/mm ² @28 days
Compressive Strength, ASTM C109 : 2005	> 40 N/mm ² @ 28days
Setting Time BS EN 1015-9:1999	Initial ≤ 390 mins Final ≤ 480 mins
Pot Life	Approx. 60 minutes
Mix Quantity (per set)	4.5 litres of Part B per 25 kg of Part A
Yield	Approx. 0.016m ³ per set

AREAS OF APPLICATION

1. Repair of localised damaged, honeycombed or deteriorated concrete
2. Filling of holes or as general purpose patching mortar
3. Repair of spalled concrete
4. Reinstatement of spalled concrete edges, including precast components
5. Filling of joints between overhead precast slabs prior to finishing
6. Interior and exterior application

APPLICATION METHOD

Surface Preparation

Remove all deteriorated concrete, dirt, oil, grease and other bond inhibiting materials from surface.

Rust on rebars must be removed through wire brushing and treated first with a rust protectant.

Pre-wet absorbent surfaces. To obtain maximum adhesion, treat substrate with JURCEM BONDING AGENT neat before applying mixed mortar when the surfaces have turned tacky to the touch.

Mixing

Pour 4.5 litres of JURCEM REPAIR MORTAR Part B into a pail of appropriate size and slowly add 25 kg of Part A, stirring gently with a low speed drill at least 3 minutes until a homogeneous lump free mixture is obtained. Avoid entrapping air during mixing.

Placing

The consistency of JURCEM REPAIR MORTAR allows application of up to 20mm thickness without sagging. Wait minimum 2 hours between coats. Apply JURCEM REPAIR MORTAR onto moist surface with trowel or rubber tool.

Cleaning

Clean tools with water immediately after use.

PACKAGING

Part A: 25 kg bag

Part B: 4.5 L can

Set weight: Approx. 29.5 kg

SHELF LIFE

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

SAFETY PRECAUTIONS

JURCEM REPAIR MORTAR 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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