

## **EVERBUILD RAPID SET TILE MORTAR**

### **DESCRIPTION**

EVERBUILD RAPID SET TILE MORTAR is a cement-based polymer modified powdered tile adhesive with rapid setting properties, specifically designed for same day fixing and grouting of ceramic floor tiles.

### **BENEFITS**

- Rapid set - same day fixing and grouting.
- Internal/external use.
- Excellent water resistance.
- Extremely high bond strength - over double the BS minimum requirement in wet shear (7 days drying, 7 days water immersion followed by shearing whilst wet.)

### **AREAS FOR USE**

- For securing floor and wall tiles to most surfaces
- For heavy duty areas such as heavily walked floors
- Recommended for tiling domestic, communal and power showers.
- Suitable for constant immersion e.g. swimming pools.
- May also be used for patching small areas in concrete/stone etc.

### **LIMITATIONS**

- Do not use directly onto gypsum plaster (risk of expansion and failure) Use EVERBUILD paste adhesives.
- Never add further water once the adhesive has been mixed. This will destroy the strength.
- Always mix with EVERBUILD SBR when tiling on wooden floors/floors with movement.
- Do not walk on floors for 2-3 hours after tiling.
- Not recommended for use on glazed tiles and bricks, paint or metal surfaces.

## SURFACES/PREPARATION

**Concrete/Screeds/Renders/** – Allow fresh concrete etc to dry for at least 4 weeks before tiling. Prime surfaces with Everbuild PVA Bond diluted 3 parts water to 1 part PVA Bond and allow to dry.

**Timber Floors/floorboards** - Suitable for interior floors only. Ensure adequate ventilation beneath floors. Cover with boarding (plywood or chipboard) which must be at least 12mm thick and be of moisture resistant grade. Secure with screws, not nails, at 150mm centres. Prime with Everbuild SBR at 1:3 dilution rate. Adhesive must be mixed with Everbuild SBR diluted 1:1 with water.

**Softwood tounge and groove boarding-** Boards must be screwed down to joists at 300mm centres and surfaces sealed with Everbuild SBR at 1:3 dilution. Adhesive must be mixed with *neat* Everbuild SBR to ensure long term flexibility. Note: this will slightly retard the set.

**Existing tiling.** Ensure tiles are securely bonded to wall. Roughen surface of glazed tiles with sander..Prime with neat Everbuild PVA. Mix adhesive with Everbuild SBR diluted 1:1 with water. Apply adhesive whilst bonding coat is still tacky.

## APPLICATION

All surfaces should be clean, dry and free of dust and loose material before commencing. Refer to above for specific surfaces. Always add powder to water. Mix approximately three parts by volume powder to 1 part by volume water (approx 4 to 1 by weight) and mix to a slump free mortar. Spread adhesive to a depth of 6mm and comb to 3mm to leave a solid bed with 3mm ribs. Secure tiles with a slight twist action to ensure no voids remain. Tiles should be fixed within 20 min of spreading depending on absorbency of substrate and temperature. Lightly touch the adhesive periodically and if a skin has formed, remove the adhesive and apply a new layer. It is good practice to periodically remove a tile and check that the adhesive covers a minimum of 75% of the tile.. **Never** add further water once the adhesive has started to go off. This will destroy the bond strength.

All surplus adhesive must be removed whilst the adhesive is still wet using a dampened cloth or sponge, particularly along the grout lines.

## SPECIFIC DATA

Appearance:	Fine grey powder
S.G (20°C):	1.8 gcm <sup>3</sup> (approx).
Application Temp.	5°C to 35°C.
Service Temp:	-30 to 100°C.
Open time/Pot life	30-45min @20°C
Setting time	2 - 3 hours (hard in 24 hours)
Thickness:	6mm
Storage:	Store at moderate temperatures. PROTECT FROM DAMP
Specification	Conforms to BS5980 as a Type 1, Class AA adhesive (18kN wet shear typical)
Coverage	Approximately 4kg/m <sup>2</sup>

#### HEALTH AND SAFETY

IRRITANT! Contains Portland Cement. Risk of serious damage to eyes .Contact with wet or dry product may cause irritation, dermatitis or burns. Wear suitable protective clothing. After contact with skin, wash immediately with plenty of cold water. If product enters eyes, wash immediately with plenty of cold water for 10-15 mins and seek medical attention .Keep out of reach of children. Use light dust mask if excessive dust is unavoidable.

#### STORAGE

Store at moderate temperatures. PROTECT FROM DAMP

#### SHELF LIFE

Minimum 12 months when stored according to manufacturers instructions.