

### **TECHNICAL DATA ; RAPID SET FLEXIPLUS**

#### **DESCRIPTION AND USES**

EVERBUILD RAPID SET FLEXIPLUS is a rapid setting ceramic tile adhesive with added latex powder for improved flexibility. RAPID SET FLEXIPLUS is used for bonding ceramic tiles to prepared floors and walls without the need for a separate flexible additive. Can be used internally and externally and bonds to most building substrates such as concrete, cement screeds and render, timber, existing ceramic tiles, dense blockwork and unskimmed plasterboard. Conforms to BS5980 as a Type 1 Class AA Adhesive; i.e. the adhesive is fully water-resistant.

#### **SURFACES/ PREPARATION**

**Concrete/Screeds/Renderers/unskimmed plasterboard/blockwork**– Allow fresh concrete etc to dry for at least 4 weeks before tiling. Ensure floors are free from rising damp. Prime surfaces with EVERBUILD PVA BOND diluted 4 parts water to 1 part PVA Bond and allow to dry.

**Timber Floors** - Suitable for interior timber floors only. Ensure adequate ventilation beneath floors. Cover wooden floors with moisture resistant exterior grade (marine) plywood, which must be at least 12mm thick. Secure with screws, not nails, at 300mm centers. Prime with EVERBUILD PVA BOND diluted 3 parts water to 1 part PVA Bond and allow to dry.

**Softwood tongue and groove boarding**- Boards must be screwed (not nailed) down to joists at 300mm centers and surfaces sealed with EVERBUILD PVA BOND diluted 3 parts water to 1 part PVA Bond and allowed to dry.

**Existing tiling.** Ensure tiles are securely bonded to wall or floor. Roughen surface of glazed tiles with sander. Apply a bonding coat of neat EVERBUILD PVA BOND. Apply mixed 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 surface preparation. Always add powder to water. Mix approximately three parts by volume powder to 1 part by volume water (approx. 4 parts powder to 1 part water 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.

**COVERAGE:** Approximately 4kg/m<sup>2</sup> when applied as directed


**POT LIFE:** 30-45 minutes.

**DRYING TIME:** Initial Set: 3-4 hours; Final 24hrs

**CLEAN UP:** - Clean tools in water after use. Wash hands immediately after using this product.

**STORAGE:** - Store in cool dry conditions. AVOID MOISTURE. Shelf life 12 months in original unopened containers.

**HEALTH AND SAFETY**

	<b>EVERBUILD RAPID SET FLEXIPLUS</b> Contains Portland Cement
	<p>Contains chromium (VI). May produce an allergic reaction.          Risk of serious damage to eyes.          Contact with wet cement, wet concrete or wet mortar may cause irritation, dermatitis or burns.          Contact between cement powder and body fluids (eg sweat and eye fluid) may also cause skin and respiratory irritation, dermatitis or burns.          Avoid eye and skin contact by wearing suitable eye protection, clothing and gloves.          Avoid breathing dust.          Keep out of reach of children          On contact with eyes or skin, rinse immediately with plenty of clean water.          Seek medical advice after eye contact</p>
<b>IRRITANT</b>	

**LIMITATIONS**

Always mix with clean fresh water and always prime/bond surfaces as directed.

Never exceed the quantity of water stated. This will dramatically reduce strength and cause failure

Do not mix more FLEXIPLUS RAPID SET than can be laid in 30 minutes and never try to reconstitute once the product has set.

Floors must be prepared as directed and free and all obvious movement before tiling.

Existing concrete subfloors must be a minimum of 4 weeks old before overlaying with this product.

Do not use for wall tiling onto gypsum based plaster. Use EVERBUILD NON SLIP, WATER-RESISTANT or FIX AND GROUT tile adhesives.

Do not use on painted surfaces. Remove paint first. Do not use over metal

Do not walk on floors until adhesive has set (3-4 hours normally)

On substrates where underfloor heating is in place, switch of the heating for 24 hours before and after application.

Do not use this product below 4°C.

When used externally, do not apply when rain is imminent and protect from rain for at least 5 hours.

As the manufacturer cannot know all the uses its products may be put to, it is the users responsibility to determine suitability for use. If in doubt, contact Technical Services Department.

**THE EVERBUILD TILING RANGE**

**701- Non Slip Wall Tile Adhesive (Ready Mixed)**

**702- Water Resistant Tile Adhesive (Ready Mixed)**

**703-Fix and Grout Tile Adhesive/Grout (Ready Mixed)**

**704- Powdered Wall Tile Grout (White)**

**705- Rapid Set Floor and Wall Tile Mortar**

**706- Floor Set Floor and Wall Tile Adhesive**

**707- Wide Joint Grout.**

**708 Self level**

**709 Floor Flex Plus Latex Additive**

**710 -Self level Flexiplus**

**711 –Rapid Set – Flexiplus**

*EVERBUILD NAME, ADDRESS, LOGO, TEL/FAX NO.*

<b>COLOUR</b>  <b>GREY</b>	<i>Barcode to be inserted;</i>  5029347 07111-	<b>20</b>  kg e
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