

## PRODUCT DATA SHEET

# EVERBUILD® 711 Rapid Set Flexiplus

A quick setting, flexible floor and wall tile adhesive

### PRODUCT DESCRIPTION

EVERBUILD® 711 Rapid Set Flexiplus is a rapid setting ceramic tile adhesive with added latex powder for improved flexibility. EVERBUILD® 711 Rapid Set Flexiplus is used for bonding ceramic, porcelain and large format 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 block work and unskimmed plasterboard. The adhesive is water-resistant.

### USES

- Suitable for porcelain and large format tiles on walls
- 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.

### PRODUCT INFORMATION

<b>Packaging</b>	10kg and 20kg bags
<b>Appearance / Colour</b>	Fine grey powder
<b>Shelf Life</b>	9 months from date of manufacture when stored according to manufacturer's instructions.
<b>Storage Conditions</b>	Store at 5°C to 25°C. PROTECT FROM FROST.
<b>Density</b>	1.5g/cm <sup>3</sup> (approx) at 20°C

### CHARACTERISTICS / ADVANTAGES

- Rapid set - same day fixing and grouting
- Internal/external use
- Excellent water resistance
- Extremely high bond strength
- Can be used on prepared wooden floors
- Bonds to most building substrates
- Suitable for use with underfloor heating
- With added latex powder for improved flexibility

<b>Application Temp</b>	5°C to 35°C
<b>Service Temp</b>	-30 to 100°C.
<b>Bed Thickness</b>	6mm
<b>Setting Time</b>	2-3 hours hard in 24 hours
<b>Coverage</b>	Approximately 4kg/m <sup>2</sup>

### APPROVALS / STANDARDS

Conforms to EN12004:2007 for Class C2FTES1.

# APPLICATION INFORMATION

Open Time

20 - 35 mins @20°C

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

**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 tongue 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 and a half parts by volume powder to 1 part by volume water (approx 5 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.

## 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.

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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