PRODUCT DATA SHEET

EVERBUILD® 705 Rapid Set Tile Adhesive

A FAST SETTING ADHESIVE FOR BONDING CERAMIC TILES TO FLOORS AND WALLS.

PRODUCT DESCRIPTION

EVERBUILD® 705 Rapid Set Tile Adhesive 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. Suitable for internal and external use, and bonds to most building substrates such as concrete, cement screeds and render, timber, existing ceramic tiles, dense block work and unskimmed plasterboard.

USES

- 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.

CHARACTERISTICS / ADVANTAGES

- Rapid set - same day fixing and grouting.
- Internal/external use.
- Excellent water resistance.
- Extremely high bond strength.

Application Temperature	5ºC to 35ºC
Service Tempreature	-30 to 100ºC.
Bed Thickness	6mm
Setting Time	2 - 3 Hours. Hard in 24 hours
Coverage	Approximately 4kg/m²

APPROVALS / STANDARDS

Conforms to BSEN12004 C1FT

PRODUCT INFORMATION

Packaging	10kg & 20kg Paper Sack
Appearance / Colour	Fine Grey Powder
Shelf Life	9 months from date of manufacture when stored according to manufacturer's instructions.
Storage Conditions	Store at moderate (5 - 30°C) temperatures. PROTECT FROM FROST & DAMP.
Density	1.8 g/cm³ (approx)

APPLICATION INFORMATION

Open Time	30 - 45 mins @20ºC

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.

MIXING

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.

APPLICATION

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

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.

BUILDING TRUST

Sika®

SIKA IRELAND LIMITED
Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland

Product Data Sheet
EVERBUILD® 705 Rapid Set Tile Adhesive
May 2019, Version 01.01
020404020010000249

EVERBUILD705RapidSetTileAdhesive-en-IE-(05-2019)-1-1.pdf

BUILDING TRUST