PRODUCT DATA SHEET

EVERBUILD® 714 White Set Flexiplus

ONE PART FLEXIBLE ADHESIVE FOR BONDING CERAMIC TILES TO FLOORS AND WALLS

PRODUCT DESCRIPTION

White one part flexible adhesive for bonding ceramic tiles to floors and most walls. Can be used internally and externally and bonds to most building substrates. The adhesive is fully water resistant and suitable for continuous immersion (e.g. swimming pools). 714 White Set Flexiplus is the ideal choice for fixing white tiles as the adhesive will give no show through. May also be used as a white grout for floor tiles. Note: Product dries off white.

USES

- For securing floor tiles to most surfaces
- For heavy duty areas such as heavily walked floors
- Recommended for tiling domestic, communal and power showers
- May also be used for patching small areas in concrete/stone etc
- As a grout for floor tiling applications

CHARACTERISTICS / ADVANTAGES

- Internal/external use
- Flexible formula for use where natural movement may occur
- Excellent water resistance
- Bonds to most common building substrates
- Dries White
- Suitable for use with underfloor heating
- May also be used as a grout for floor tiles

Application Temp	5°C to 35°C
Service Temp	-30°C to 100°C

APPROVALS / STANDARDS

EN12004:2007 Class C2TE S1

PRODUCT INFORMATION

Packaging	20kg sack
Appearance / Colour	White
Shelf Life	12 months in original unopened containers, less when opened.
Storage Conditions	Store in moderate (5 - 30°C) dry conditions. Avoid moisture.
Density	ca. 1.8 g/cm^3

APPLICATION INFORMATION

Consumption	ca. 4 kg/m^2
Layer Thickness	6mm
Pot Life	2-3 hours
Open Time	30 - 45 mins @20°C

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces should be clean, dry and free of dust and loose material before commencing.

Concrete/Screeds/Renders/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 501 PVA Bond diluted 4 parts water to 1 part PVA Bond and allow to dry.

Timber Floors - Suitable for interior 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 centres. Prime with Everbuild 501 PVA Bond diluted 3 parts water to 1 part PVA Bond and allow 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 501 PVA Bond. Apply mixed adhesive whilst bonding coat is still tacky.

Plywood/fibre board walls - Must be braced with seasoned timber at 300mm vertically and horizontally. Use moisture resistant grades. All surfaces and edges must be sealed with Everbuild 503 SBR Bond diluted 1 part SBR: 4 parts water.

MIXING

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.

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.
Use as a grout. – Allow adhesive to dry for 24 hours before grouting, longer when tiling on non-porous surfaces such as existing tiling or asphalt. Mix with water as above and float into joints ensuring no voids remain. Leave for 15 mins then clean excess before grout dries and polish clean. Do not use on highly glazed soft tiles as course fillers will cause scratching. Note: This product dries off white – check dry colour before grouting.

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 powder than can be laid in 1-2 hours and never try to reconstitute once the product has set.
- Floors must be prepared as directed and free of all obvious movement before tiling.
- Existing concrete sub floors 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 701 Non Slip Tile Adhesive, 702 Water Resistant Tile Adhesive or 703 Fix and Grout Tile Adhesive.
- Do not use on painted surfaces. Remove paint first. Do not use over metal
- Do not walk on floors or grout until adhesive has set (12-24 hours at normal room temperature)
- On substrates where under floor heating is in place, switch off the heating for 24 hours before and 48 hours 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.

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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

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

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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.

Product Data Sheet
EVERBUILD® 714 White Set Flexiplus
June 2019, Version 01.01
020404020010000247

EVERBUILD714WhiteSetFlexiplus-en-IE-(06-2019)-1-1.pdf

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