

# PRODUCT DATA SHEET

# EVERBUILD® 710 Febflor Flexiplus Latex

## SELF LEVELLING COMPOUND WITH ADDED LATEX POWDER

### PRODUCT DESCRIPTION

EVERBUILD® 710 Febflor Flexiplus Latex is a latex modified cement based powder, which when mixed with water, can be used to level out uneven floors and screeds. Typical surfaces include concrete, existing ceramic tiles, asphalt, brick, stone etc. This product is intended for use prior to laying ceramic tiles, thermo-plastic tiles, lino, wood block flooring or carpet. EVERBUILD® 710 Febflor Flexiplus Latex already contains powdered latex, eliminating the need for separate expensive latex liquids. When mixed as directed, the compound provides a free flowing mix that sets in ~90 minutes and can be overlaid after only 8 hours at normal temperatures. NOTE: This product is not suitable for use as a final wearing surface.

### USES

For levelling uneven subfloors prior to covering/tiling, without the need to use a separate latex additive.

### CHARACTERISTICS / ADVANTAGES

- Enhanced flow properties coupled with long open time giving easy trowelling.
- Fast setting - sets in 8 hours.
- Up to 6 mm in depth in one coat.
- Protein (casein) free.
- Internal use.

|                                |                 |
|--------------------------------|-----------------|
| <b>Application temperature</b> | 4 °C to 35 °C   |
| <b>Service Temperature</b>     | -30 to 70 °C.   |
| <b>Open Time</b>               | 30 mins @ 20 °C |
| <b>Setting Time</b>            | 8 hours @ 20 °C |

### APPROVALS / STANDARDS

Tested to EN13813 Class CT-C30-F6

### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Packaging</b>           | 20 kg Bag   |
| <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 5-25 °C. PROTECT FROM DAMP.  |
| <b>Density</b>             | 1.6 g/cm <sup>3</sup> (dry) 2.3 g/cm <sup>3</sup> (wet or cured)                        |

### APPLICATION INFORMATION

|                        |  |
|------------------------|--|
| <b>Consumption</b>     | 20 kg covers approximately 4 m <sup>2</sup> at 3 mm (standard) depending on porosity of substrate. |
| <b>Layer Thickness</b> | Feathered edge to 6 mm   |

# APPLICATION INSTRUCTIONS

## SUBSTRATE QUALITY / PRE-TREATMENT

Floors to be treated must be free from grease, dust and loose particles. Always prepare floors by dampening with water then priming with Everbuild 501 PVA Bond diluted 1 part PVA to 3 parts water to give a sound, slightly damp surface.

### TIMBER FLOORS . EXISTING TILING AND ASPHALT

Suitable for interior floors only. Timber Floors must be securely screwed down at 300 mm centers to eliminate movement. Maximum size for wooden floor is 1 m<sup>2</sup>. Apply EVERBUILD 503 SBR BOND to the floor, diluted 1:1 with clean water. Mix EVERBUILD® 710 Febflor Flexiplus Latex with water and apply to subfloor whilst the bonding coat is still tacky. Degrease and roughen up any glaze on existing tiling prior to laying this product.

### SAND/CEMENT RENDER

Allow at least four weeks drying before application. Dampen floors and prime with EVERBUILD PVA diluted 1:3 with water. Mix with water as detailed below.

## APPLICATION

20 kg of EVERBUILD® 710 Febflor Flexiplus Latex will require 4 litres of water. Always add the powder to water. This should be carried out by stepwise addition whilst stirring until a free flowing creamy compound is produced. Pour the mixture out into the prepared floor and allow it to find its own level. Trowel down lightly to achieve an overall thickness not exceeding 6 mm. Where further finishing is required, allow the surface to stiffen, usually ¾ to one hour after application, and lightly sprinkle with water and carefully trowel to produce a smooth appearance. Do not sprinkle excessive water or over trowel at this stage.

Additional layers, each not exceeding 6 mm, may be applied to achieve the required depth. Prime with Everbuild 501 PVA Bond diluted 1:3 with water between layers.

For areas where deep depressions occur, (greater than 6 mm in depth up to 25 mm) , add 1 part of clean, dry sharp sand to 1 part Self Levelling Compound. The sand should be added after mixing powder with water. It is advisable to reduce the amount of mixing water before adding sand, and then top up with water to achieve the correct consistency. Note: the flow characteristics will be affected by addition of the sand. If the product starts to stiffen or set, DO NOT try to re-mix or add extra water.

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# LIMITATIONS

- Always mix with clean fresh water and always prime floors as directed.
- The product will not resist rising damp. In these conditions, use in conjunction with BLACKJACK D.P.M liquid dampproof membrane as directed.
- Never exceed the quantity of water stated. This will dramatically reduce strength and cause cracking.
- Do not mix more compound than can be laid in 20 minutes and never try to reconstitute once the product has set.
- On substrates where underfloor heating is in place, switch off the heating for 24 hours before and after application.
- Do not use this product below 4 °C.
- 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.
- Note that setting time will be greatly increased when overlaying impervious surfaces and in cold weather.

## 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

## 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. Sika's 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.