

PRODUCT DATA SHEET

EVERBUILD® FEB® 708 Febflor Universal

FAST CURING COMPOUND FOR PREPARING UNEVEN CONCRETE AND SCREED FLOORS

PRODUCT DESCRIPTION

EVERBUILD® FEB® 708 Febflor Universal is a cement based product used to level out uneven floors and screeds prior to laying ceramic tiles, thermoplastic tiles, lino, wood block flooring or carpet. Mix with either water or Everbuild® 709 Febflor Latex Plus to give a free flowing self levelling topping. When mixed as directed, the compound provides a free flowing mix that sets in 2 hours 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 laying ceramic tiles, thermoplastic tiles, lino, wood block flooring or carpet.
- Internal use.

PRODUCT INFORMATION

Packaging	20kg bags
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 DAMP.
Density	@20°C - 1.63g/cm ³ (dry) 2.3 g/cm ³ (wet or cured)
Thermal Resistance	-30 to 70°C once cured.
Yield	20kg covers approximately 4m ² at 3mm (standard) depending on porosity of substrate
Layer Thickness	0.5mm - 6mm
Ambient Air Temperature	4°C to 35°C
Pot Life	30 mins @ 20°C

CHARACTERISTICS / ADVANTAGES

- Fast setting - sets in 2-4 hours for foot traffic.
- Can be overlaid after 8 hours.
- Up to 6mm in depth in one coat.
- Protein (casein) free.
- Enhanced flow properties coupled with long open time giving easy trowelling.

APPROVALS / STANDARDS

Tested to EN13813 Class CT - C30 - F7.

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.

LIMITATIONS

- Always mix with clean fresh water and always prime floors as directed.
- Always apply this product whilst primer coat is still damp.
- The product will not resist rising damp. In these conditions, use in conjunction with Blackjack D.P.M liquid damp proof 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.
- Do not use for embedding underfloor heating systems.
- If several coats of EVERBUILD® FEB® 708 Febflor Universal are required to achieve desired depth, always allow each coat to dry for a minimum of 8 hours at 20°C before overcoating with fresh floor leveller, and prime between coats.
- To avoid cracking / crazing, existing concrete screeds / asphalt must be a minimum of 4 weeks old before overlaying with this product.
- On substrates where underfloor heating is in place, switch off the heating for 24 hours before, and until 24 hours after, application.
- Do not use this product below 4°C.
- For deep floor depressions, or up to 50mm in one coat, use SikaLevel Deep Fill.
- In areas where movement is anticipated, always use Everbuild® 709 Febflor Latex Plus rather than water. **NO OTHER MANUFACTURERS PRODUCT MAY BE USED.**
- Note that setting time will be greatly increased when overlaying impervious surfaces and in cold weather.
- As the manufacturer cannot know all the uses their products may be put to, it is the user's responsibility to determine suitability for use. If in doubt, contact Technical Services Department.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

SAND/CEMENT SCREED

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. For surfaces to be subjected to heavy foot traffic, use EVERBUILD® FLOOR FLEX PLUS rather than water when mixing the powder.

TIMBER FLOORS/EXISTING TILING/ASPHALT

Degrease and roughen up any glaze on existing tiling or asphalt prior to laying this product. Suitable for small areas (1m² max) over interior timber floors only. Timber floors must be securely screwed down at 300mm centres. In all cases, apply EVERBUILD® SBR BOND to the floor at a 1:1 dilution with water. Mix EVERBUILD® 708 Self Level Floor Compound with neat EVERBUILD® FLOOR FLEX PLUS (20kg of powder to 5ltrs of liquid) and apply to sub floor whilst the bonding coat is still tacky.

EXISTING VINYL TILES

Ensure tiles are clean and sound. Prime with Everbuild® SBR diluted 1:1 with water and apply floor level compound mixed with FLOOR FLEX PLUS over tiles whilst primer coat is still tacky. Allow 24 hours before applying final covering.

APPLICATION

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

20kg of self levelling powder 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 6mm. 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 6mm, may be applied to achieve the required depth. Prime with Everbuild® PVA Bond diluted 1:3 with water between layers.

For areas where deep depressions occur, (greater than

6mm in depth up to 15mm) , add 1 part of clean, dry sharp sand to 1 part EVERBUILD® FEB® 708 Febflor Universal. 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 remix or add extra water. Alternatively, use SikaLevel Deep Fill levelling compound which fills up to 50mm in one coat.

For areas where heavy loading and/or trafficking are anticipated on the final surface, mix EVERBUILD® FEB® 708 Febflor Universal with neat Everbuild® 709 Febflor Latex Plus rather than water. This will improve flexibility, adhesion and durability of the screed. The mixing ratio is again 20kg of powder to 5ltrs of 709 Febflor Latex Plus. Again, prime the floor with Everbuild® PVA diluted 1:3 with water.

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.

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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