



New Guard Coatings Group

A global reputation to protect.

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

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PRODUCT DATA SHEET

Feb[®] Febflor[®] Ultralay

HEAVY DUTY UNIVERSAL LEVELLING & RESURFACING COMPOUND

PRODUCT DESCRIPTION

Feb[®] Febflor[®] Ultralay is a ultra high strength, rapid setting, abrasion resistant cement based powder, which when mixed with water, can be used to level out uneven floors and screeds. Feb[®] Febflor[®] Ultralay may be overlaid with common floor coverings or may be left as a final wearing surface. Feb[®] Febflor[®] Ultralay will even accept vehicular traffic. Feb[®] Febflor[®] Ultralay may be applied in one coat from 2-10mm in depth. Typical surfaces include concrete and screeding, existing unglazed ceramic tiles, brick, stone etc. When mixed as directed, the compound provides a free flowing mix that may be walked on in 2 hours and can be overlaid with ceramic tiles after only 3 hours at normal temperatures.

USES

- For levelling and smoothing concrete and screeded floors where a heavy duty floor topping is required.
- Interior and exterior use.
- Under floor coverings or as a final wearing surface.

CHARACTERISTICS / ADVANTAGES

- Fast setting, foot trafficable within 2 hours, can be tiled within 3 hours
- Can withstand vehicular traffic
- Final wearing coat, overpaintable
- Water and frost resistant
- Application depth 2-10mm

APPROVALS / STANDARDS

Tested to EN13813 Class CT – C30-F7-AR 0.5

PRODUCT INFORMATION

Packaging	20kg Paper sack
Appearance / Colour	Grey granular powder
Shelf Life	6 months when stored as recommended by the manufacturer
Storage Conditions	Store in cool (5 - 25°C), dry conditions as for Portland Cement
Density	1.8g/cm ³

APPLICATION INFORMATION

Consumption	20kg of Feb [®] Febflor [®] Ultralay mixed with 4 litres of water will cover approximately 4m ² at a depth of 3mm depending on substrate .
Ambient Air Temperature	4°C to 35°C

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Floors to be treated must be free from grease, dust and loose particles. Existing concrete screeds must be a minimum of 4 weeks old before applying this product. Always prepare floors by dampening with water then priming with FEBOND PVA diluted 1 part PVA to 3 parts water to give a sound, slightly damp surface.

MIXING

20kg of Feb® Febflor® Ultralay will require 4 litres of water. DO NOT USE EXCESS WATER. Always add the powder to water. This should be carried out by step-wise addition whilst stirring until a free flowing creamy compound is produced.

APPLICATION

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 10mm. For depths above 10mm (up to 25mm) add 1 part of clean, dry sharp sand to 1 part Feb® Febflor® Ultralay. The sand should be added after mixing powder with water. It is advisable to reduce the amount of mixing water before adding sand, then top up with water to achieve the correct consistency. Note: the flow characteristics will be affected by addition of the sand. Allow 3 days cure prior to subjecting to vehicular traffic at 20°C, longer at lower temperatures

NOTE: when overlaying with other floor coverings allow 24 hours drying time for each 10mm depth.

CLEANING OF TOOLS

All tools and equipment should be cleaned with water.

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. 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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