

PRODUCT DATA SHEET

SikaLatex[®] Ultra

high performance, latex modified cement based self levelling compound

PRODUCT DESCRIPTION

SikaLatex[®] Ultra is a high performance, latex modified cement based self levelling compound for floor smoothing and levelling uneven rigid internal floors. It is also suitable for exterior applications such as sheltered balconies and walkways, prior to laying ceramic tiles, slabs and natural stone. SikaLatex[®] Ultra can be overlaid with common floor coverings or left as a final wearing surface.

USES

For Levelling:

- Wooden flooring
- Floating floors
- Floors with underfloor heating
- Sand/cement screeds (not anhydrite), concrete slabs and pre-cast elements.
- Existing ceramic and rigid plastic tiles.

PRODUCT INFORMATION

Packaging	25kg bag
Appearance / Colour	Grey powder
Shelf Life	6 months from date of manufacture when stored as directed.
Storage Conditions	This product must be stored in unopened bags clear of the ground in cool dry conditions and protected from excessive draught, ideally between 5 and 30°C. Use of this product after the end of the declared storage period may increase the risk of allergic reaction.

APPLICATION INFORMATION

Yield	Approx. 5m ² at a depth of 3mm
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CHARACTERISTICS / ADVANTAGES

- Fast setting, foot trafficable within 2 hours, can be tiled within 3 hours
- Interior & exterior use
- 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.

Layer Thickness	2-10mm (up to 25 filled)
Ambient Air Temperature	5°C to 35°C
Pot Life	15-20 mins
Setting Time	2-3 hours (initial set depending on ambient temperature)
Waiting Time / Overcoating	Can accept tiles after approx. 3 hours

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Wet or humid rooms, such as bathrooms; SikaLatex® Ultra should be covered with a damp proofing membrane such as SikaBond® Rapid DPM.

Switch off any underfloor heating systems 24 hours before, and until 24 hours after, application. Ensure floor temperature is >5°C.

Holes/cavities; use a suitable cement based repair mortar, such as Use Sika® MonoTop-112 MultiUse Repair Mortar (previously known as Sika® MiniPack Concrete Repair) and allow to fully cure.

Timber should be rigid and strong enough to support anticipated load with minimum deflection, at least 18mm thick of a flooring grade and ventilated from beneath. Screw wood panels to joists at least every 200-300mm to prevent movement, and ensure that every board edge is adequately supported by its adjacent board or joists and noggins.

Ensure that all joints and cavities in the substrate are protected to prevent leakage.

Concrete/screed should be at least 28 days old. The surface must be clean, dry, structurally sound and possess an effective damp proof membrane, such as SikaBond® Rapid DPM.

The surface should be free from residual adhesives, dampproof membranes, bitumen-based materials, oil, grease, wax, loose flaky paint, dust, laitance etc. that could reduce adhesion.

Priming

Normal Absorbent Concrete/Screed

- These substrates do not normally require priming. Damp down floor with clean water without leaving puddles and allow to surface dry. If water is absorbed immediately into substrate, treat as porous surface.

Porous Concrete/Screed

- Seal surface with SikaBond® PVA+ (1 part PVA to 4 parts clean water) internally, or SikaBond® SBR (1 part SBR to 3 parts clean water) externally, ensuring surface is well coated, then allow to dry.

- For highly porous substrates it may be necessary to apply more than one coat to prevent pinholes and cracking/debonding of SikaLatex® Ultra.

Non Porous/Dense Substrates (quarry/ceramic tiles, terrazzo and smooth concrete etc)

- Mechanically roughen surfaces by grinding or scarifying to provide a mechanical key.

- Alternatively, apply a bonding coat of undiluted SikaBond® PVA+ (or SBR if used externally) and allow to become tacky before applying levelling compound.

APPLICATION

25kg of SikaLatex® Ultra will require 5 litres of water. **DO NOT USE EXCESS 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 10mm. For depths above 10mm (up to 25mm) add 1 part of clean, dry sharp sand to 1 part SikaLatex® Ultra. 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 @20°C, longer at lower temperatures.

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 D.P.M, liquid damp proof membrane as directed on the tin.
- 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 over tarmac, asphalt or anhydrite screeds.
- 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 5°C.
- Existing concrete screeds must be a minimum of 4 weeks old before overlaying with this product.
- 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.

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 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.

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Product Data Sheet

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3 / 3



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