

SIKALEVEL 30 LATEX ULTRA



Colour	Product Code	Pack Size	Box Qty
Grey	SKLEV30ULT25	25kg	1

Product Description

SikaLevel-30 Latex Ultra is an high strength rapid setting cement based powder, which when mixed with water, can be used to level out uneven floors and screeds. **SikaLevel-30 Latex Ultra** may be overlaid with common floor coverings or may be left as a final wearing surface. **SikaLevel-30 Latex Ultra** will even accept light vehicular traffic. **SikaLevel-30 Latex Ultra** may be applied in one coat from 2-10mm in depth (25mm when filled). 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. NOTE: when overlaying with other floor coverings allow 24 hours drying time for each 10mm depth. Tested to EN13813 Class CT – C30-F7-AR 0.5.

Benefits

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

Areas For Use

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.

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 under floor 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 its products may be put to, it is the user's responsibility to determine suitability for use. If in doubt, contact Technical Services Department.

Surface Preparation

Wet or humid rooms, such as bathrooms, **SikaLevel-30 Latex Ultra** should be covered with a damp proofing membrane such as **SikaBond® Rapid DPM**.

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

Holes/cavities, use as 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 dry, clean structurally sound and possess an effective damp proof membrane, such as **SikaBond® Rapid DPM**.

The surface should be free from residual adhesives, damp proof 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 of 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 SikaLevel-30 Latex 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 **SikaLevel-30 Latex 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 **SikaLevel-30 Latex 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.

Specific Data

TEST	RESULT
Appearance	Grey powder
Application temperature	5°C to 35°C
Coverage	Approx. 5m ² at a depth of 3mm
Working Time	15-20 minutes @ 20°C
Application depth	2mm – 10mm (25mm filled)
Drying time	2-3 hours (initial set depending on ambient temperature)

Health & Safety

Consult MSDS for full list of hazards.

Storage

This product must be stored in unopened bags clear of the ground in cool dry conditions and protected from excessive draught. The use of this product after the need of the declared storage period may increase the risk of allergic reaction.

Shelf Life

6 months from date of manufacture when stored as directed.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance

with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.