



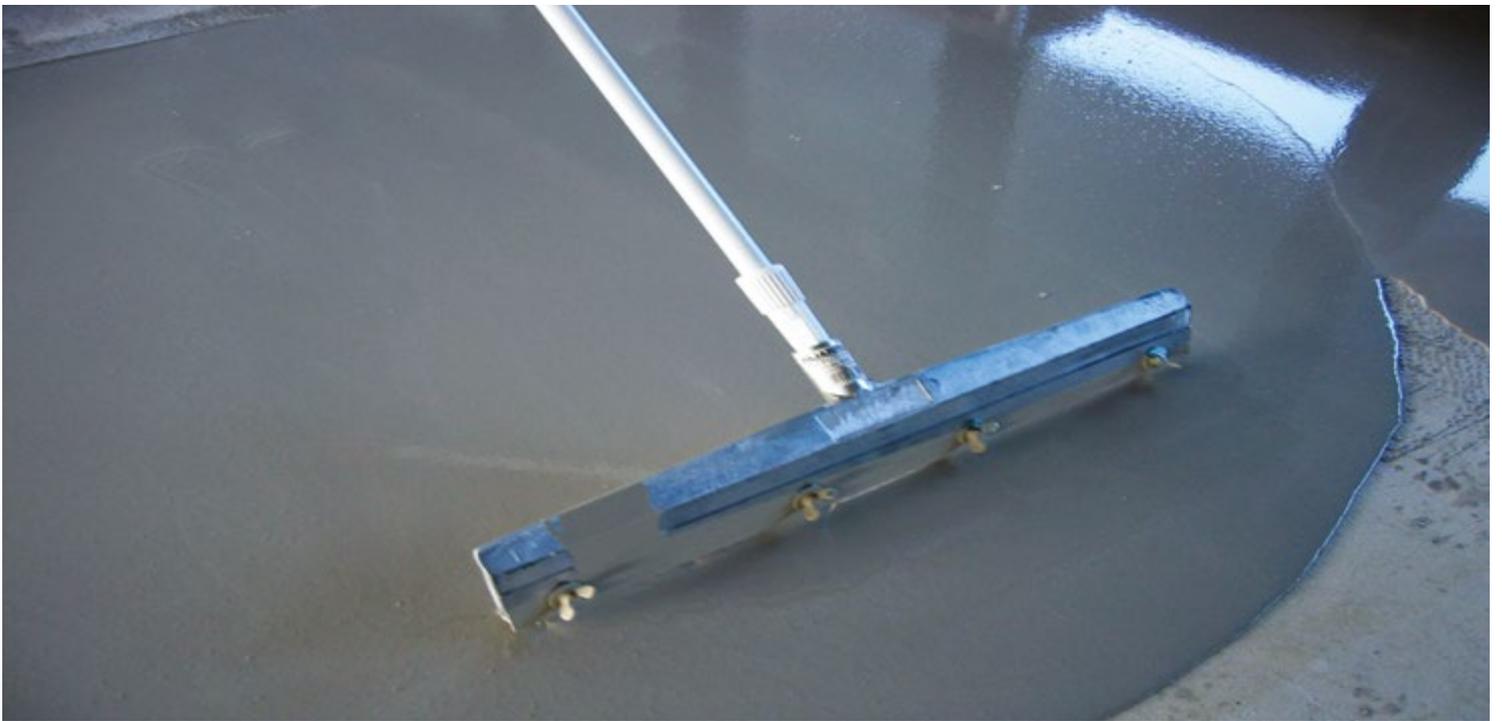
# SIKA FLOORING ESSENTIALS

SCREEDS AND SELF-LEVELLING COMPOUNDS

BUILDING TRUST







# SIKA FLOORING ESSENTIALS

## SCREEDS AND SELF-LEVELLING COMPOUNDS

**SIKA MANUFACTURES AND DEVELOPS A RANGE OF QUALITY, SEAMLESS FLOORING AND SCREED SOLUTIONS FOR BOTH INDUSTRIAL AND COMMERCIAL APPLICATIONS.**

Sika has a range of self-levelling compounds and screeds that are the perfect substrate for all the popular types of floor finish.

The quality of a substrate can make all the difference between a smooth flooring system application and a troublesome one, a positive flooring experience and disappointment.

Sika's cementitious products meet or exceed all the latest standards and requirements for both new and refurbishment work. They provide customers with peace of mind for a high quality and reliable substrate for all floor coverings.

There are many reasons why you may need a good quality self-levelling compound - it could be as simple as the floor is uneven, or you may need to install underfloor heating, or just need a strong smooth finish to apply the final floor finish onto.

Whatever the reason, Sika's range of high quality and easy to apply products can help you do any one of these.

# SCREEDS AND SELF-LEVELLING COMPOUNDS RANGE

Everbuild / Sika	EVERBUILD	EVERBUILD	EVERBUILD	EVERBUILD	SD EXCLUSIVE PRODUCT	SD EXCLUSIVE PRODUCT	SD EXCLUSIVE PRODUCT
<b>Product Name</b>	708 Febflor (formerly Febflor)	710 Febflor (formerly Febflor Plus)	SikaLevel 30 Latex Ultra (formerly Febflor Ultra)	Febflor Heatflex	Sikafloor® Level- 100	Sikafloor® Level-300 Rapid	Sikafloor® Level-30
<b>Description</b>	Self-levelling Compound	Flexible Self-levelling Compound	High Strength, Rapid Setting, Floor Levelling Compound	Self-levelling Compound For Use With Underfloor Heating	Self-levelling Compound	Rapid Setting Self-levelling Compound	High Performance Self-levelling Compound
<b>Interior / Exterior</b>	Interior	Interior	Both	Interior	Interior	Interior	Interior
<b>Final Wearing Surface</b>	N	N	Y	Y	N	N	Y
<b>Thickness</b>	2-6mm	2-6mm	2-10mm	0-30mm	1-10mm	1-10mm	4-30mm
<b>Walk on Time</b>	8 hrs	3 Hrs	2hrs	3 Hrs	3 hours	90 mins	3 hours
<b>Final Strength</b>	25N/mm <sup>2</sup>	25N/mm <sup>2</sup>	35 N / mm <sup>2</sup>	30N / mm <sup>2</sup>	29N/mm <sup>2</sup>	64 N/mm <sup>2</sup>	40 N/mm <sup>2</sup>
<b>Primer</b>	PVA Primer	PVA Primer	PVA Primer / SikaBond® SBR	PVA Primer	Level 01 Primer	Level 01 Primer	See Datasheet
<b>Yield</b>	12L	12L	15L	12L	16.7L	16.7L	12.5L
<b>Bag Size</b>	20kg	20kg	25kg	20kg	25kg	25kg	25kg
<b>Flexible</b>	N	Y	Y	Y	N	N	N
<b>Pumpable</b>	N	Y	N	N	Y	Y	Y
<b>Underfloor Heating</b>	N	Y	N	Y	N	N	N
<b>Resin Overlayment</b>	Y	N	N	N	Y	Y	Y
<b>Shelf Life</b>	9 months	9 months	6 months	12 months	6 months	6 months	9 months
<b>Pallet Quantity</b>	50	50	40	50	40	40	40

# SCREEDS AND SELF-LEVELLING COMPOUNDS RANGE

Everbuild / Sika	SD EXCLUSIVE PRODUCT	COMPLIMENTARY SIKA	COMPLIMENTARY SIKA	COMPLIMENTARY SIKA
<b>Product Name</b>	Sikafloor® Level-200	SikaSet®-45	Sika® Rapid Repair Mortar	SikaScreed® HardTop-60
<b>Description</b>	Thick Section Self-Levelling Compound	Fast Setting Ironwork Bedding Mortar & Fast Set Floor Repairs	R4 Fast Setting Repair Mortar	High Strength, Rapid Hardening, Floor Levelling Mortar
<b>Interior / Exterior</b>	Both	Both	Both	Both
<b>Final Wearing Surface</b>	N	Y	Y	Y
<b>Thickness</b>	3-40mm	10-50mm	8-30mm	8-80mm
<b>Walk on Time</b>	4 hours	1 hour	24 hours	4 hours
<b>Final Strength</b>	25N/mm <sup>2</sup>	52N/mm <sup>2</sup>	70N/mm <sup>2</sup>	60N/mm <sup>2</sup>
<b>Primer</b>	Level 01 Primer	None / See Datasheet	See Datahseet	SikaScreed® 20BB
<b>Yield</b>	13.9L	11.36L	11.90L	12.20L
<b>Bag Size</b>	25kg	25kg	25kg	25kg
<b>Flexible</b>	N	N	N	N
<b>Pumpable</b>	Y	N	N	N
<b>Underfloor Heating</b>	N	N	N	N
<b>Resin Overlayment</b>	Y	Y	Y	Y
<b>Shelf Life</b>	6 months	6 months	6 months	9 months
<b>Pallet Quantity</b>	40	40	40	40

# SCREEDS AND SELF-LEVELLING COMPOUNDS RANGE...

## A SOLUTION FOR EVERY FLOOR FINISH



### 708 Febflor

#### Self Level Floor Compound

708 Febflor self level floor compound is a cement-based product, used to level out uneven floors and screeds, prior to overlaying. The compound provides a free-flowing mix that sets in two hours, and can be overlaid after only eight hours, at normal temperatures.

**N.B.** This product is not suitable for use as a final wearing surface.

**Used for:** levelling uneven subfloors, internally and externally, prior to laying ceramic tiles, thermoplastic tiles, lino, wood block flooring, or carpet.

- Fast setting time - sets in two hours
- Overlay can commence after eight hours
- Application depth, 0.5-6.0mm
- Protein (casein) free
- Enhanced flow properties, coupled with long open time, giving easy trowelling



### 710 Febflor

#### Flexible Self-levelling Compound

710 Febflor is a cementitious floor levelling and smoothing compound in powder form (with added latex powder), requiring only the addition of water. 710 Febflor can easily be spread onto suitably prepared stable substrates, in order to smooth surfaces, prior to laying final floor coverings. This product is not designed as a final wearing course to receive traffic, and must be covered with tiles, lino, carpet, etc.

**Used for:** levelling and smoothing concrete and screeded floors, prior to laying final wearing coverings such as carpets, sheet vinyl, tiles, etc., where heavier trafficking is anticipated, or increased flexibility is required.

- Sets in 90 minutes, overlaid after 8 hours
- For preparing concrete and screed floors
- Self-smoothing and may be covered after eight hours
- Application depth, 0.5-6.0mm
- Protein (casein) free, for hygienic applications
- Coverage, 4m<sup>2</sup>, laid at a depth of 3mm



## SikaLevel®30 Latex Ultra

### High Strength, Rapid Setting, Floor Levelling Compound

SikaLevel®-30 Latex Ultra is a high performance, latex-modified cement-based self-levelling compound, for floor smoothing, and levelling uneven rigid internal floors. With a rapid setting time of two hours, the latex modification ensures improved flexibility and resilience, and can withstand vehicular traffic. This product can be used for interior and exterior floors, and is suitable as a final wearing surface.

**Used for:** levelling the following: 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. It is also suitable for some exterior applications such as sheltered balconies and walkways, prior to laying ceramic tiles, slabs and natural stone..

- Rapid setting and water and frost resistant
- Can withstand vehicular traffic
- Interior and exterior use
- Suitable as a final wearing surface
- Application depth, 2-10mm
- Suitable for underfloor heating applications, beneath heating cables/pipes, or on top of heated screeds



## Febflor Heatflex

### Self-levelling Compound for use with Underfloor Heating

Febflor Heatflex is a fibre and polymer- reinforced, flexible, ultra-high strength cement-based self-levelling compound, designed specifically for use with underfloor heating and for application over wooden floors. This product is also suitable for application over existing concrete and screeding, brick, stone, unglazed ceramic tiles, plastic sheet DPC, and epoxy membranes. It is foot trafficable within three hours, and can be tiled after approximately four hours.

**Used for:** as a levelling compound for existing wooden and concrete floors, where underfloor heating is present.

- Heat-resistant - suitable for use with underfloor heating
- Flexible, designed for use over wooden floors
- High strength
- Application depth 2-30mm
- Rapid setting time - foot trafficable within three hours and can be tiled over in approximately four hours
- Added fibres, therefore it will not crack or shrink, even in the most demanding applications



## Sikafloor®-100 Level

### Self-levelling Compound

Sikafloor®-100 Level is a very low emission cement-based self-levelling compound, suitable for interior areas. Sikafloor®-100 Level is characterised by good working properties, featuring low tension. This compound can be grinded or pumped, and is waterproof against dispersion adhesives. It is suitable for castor chair rollers according to EN 12 529.

**Used for:** smoothing and levelling of the suitable substrates, before applying textile and elastic floor coverings, in interior areas

- For interior use
- Suitable for application on subfloor heating systems
- Layer thickness 1-10mm
- Feather-edging acceptable in pedestrian areas
- Polymer modified



## Sikafloor®-300 Rapid Level

### Rapid Setting Self-levelling Compound

Sikafloor®-300 Rapid Level is a very low emission cement-based self-levelling compound, for almost all substrates suitable for laying. For interior use only, this pumpable compound features a high level of hardness and strength, with low porosity surface. Sikafloor®-300 Rapid Level has a very low shrinkage and is very rapid curing.

**Used for:** filling, smoothing and levelling of suitable substrates, before applying parquet, ceramic tiles, textile and elastic floor coverings, as well as coatings that are loaded with fork-lift traffic. Use suitable Sika Primer, according to absorbency and condition of subfloor.

- Suitable for application on subfloor heating systems
- Suitable for castor wheels loading, with layer thickness more than 1mm according to EN 12 529
- Layer thickness 1-10mm
- Can be pumped
- Extendable without loss of strength for higher layer thickness



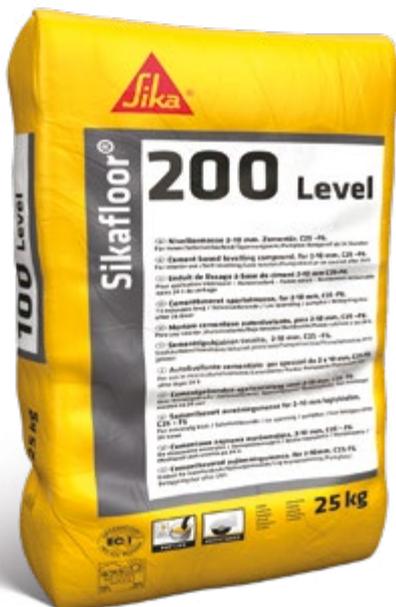
## Sikafloor® Level-30

### High Performance Self-levelling Compound

Sikafloor® Level-30 is a polymer modified, self-levelling, fast drying cementitious screed, for higher thickness requirements for both interior and/or exterior floors. Sikafloor® Level-30 is useable as a screed for industrial service conditions, when sealed with a PU or EP resin top coat, from medium to high load (heavy-traffic and fork-lift pallet truck with impact load). This product maintains good workability with a speedy setting and drying time - walk-on time is 3-4 hours (+20°C).

**Used for:** a floor self-levelling screed, to level or smooth screeds and concrete floors at a thickness between 4-30mm, in one working step. Also suitable for filling, smoothing and levelling suitable substrates, before applying parquet, ceramic tiles, seamless resin floors, textile and elastic floor coverings. Additionally, this product is useable as screed for exterior areas, when sealed with a covering, e.g. a coating.

- Self-smoothing and low shrinkage
- Easy to place by pump or manual application
- Excellent freeze-thaw salt resistance (R3)
- Casein and Formaldehyde free
- Application depth 4-30mm
- Suitable for use with under floor heating systems



## Sikafloor®-200 Level

### Self-levelling Compound

Sikafloor®-200 Level is a very low emission cement-based self-levelling compound, suitable for interior and exterior areas. This product is a waterproof, frost resistant, rapid hardening compound, with low tension, that can be pumped. Sikafloor®-200 Level is recognised for its extremely low shrinkage.

**Used for:** filling, smoothing and levelling of suitable substrates, before applying parquet, ceramic tiles, textile and elastic floor coverings. Use suitable Sika Primer, according to absorbency and condition of substrate.

- Waterproof and frost resistant
- Self-levelling and rapid hardening
- Suitable for application on subfloor heating systems
- High level of hardness and strength
- Suitable to build bonded screeds under ceramic tiles on cementitious substrates



## SikaSet®-45

### Fast Setting Ironwork Bedding Mortar and Fast-Set Floor Repairs

SikaSet®-45 is a one-component magnesia phosphate- based, rapid hardening and high early strength concrete repair and ironwork bedding mortar, for use in temperatures as low as 0°C. This product provides a good un-primed adhesion, is trafficable within one hour, and can be over-coated.

**Used for:** a rapid repair mortar for horizontal concrete surfaces; filling mortar for voids and honeycombed areas in concrete, and bedding mortar for inspection chambers, manhole covers, gully grates, stanchion posts, street furniture. Additionally, this product can be used on industrial floors, roads, runways, bridge decks, car park decks, and furniture.

- Easy to use - just add water
- Can be placed at low temperatures, with an increased resistance to de-icing salts
- Shrinkage-compensated mortar, with a high early age, and ultimate strengths
- Non-corrosive to steel
- Durable freeze thaw resistance
- Application depth 10-50mm



## Sika® MonoTop®-630 Rapid

### R4 Fast Setting Cementitious Repair Mortar

Sika® MonoTop®-630 Rapid is a 1-component fast setting cementitious repair mortar, meeting the requirements of Class R4 of BS EN 1504-3.

**Used:** for repairing all types of structures, including overhead and vertical repairs; hand applied repairs; floor slabs and car park decks; for exterior and interior use; in place of R1, R2 and R3 mortars.

- Pre-bagged for quality, just add water
- High early strength with rapid setting
- Non corrosive to steel
- Can be overcoated
- Contains no chloride admixtures



## SikaScreed® HardTop-60

### High Strength, Rapid Hardening, Floor Levelling Mortar

SikaScreed® HardTop-60 is a soft plastic consistency, polymer modified, horizontal levelling mortar, designed for application with a minimum layer thickness of 8mm. This mortar is a fast curing, rapid load-bearing and over-coatable product that is almost shrinkage-free during hardening and curing. Additionally, this product has a very high abrasion resistance and compressive strength, and can be laid as Monolithic floor finish, or on a slope.

**Used for:** minor and major repairs to heavily stressed, industrial concrete flooring with full usability after 24 hours.

- Easy to apply with a very high final strength and a non-tacky finish
- Rapid hardening for immediate use (>35 N/mm<sup>2</sup> compressive strength after 24 hours at +20°C
- Long trowelling window (>60min) for smooth surfaces
- High dynamic load-bearing floor levelling, primeable with Sikafloor®-161 within four hours from t finishing (at +20°C), without additional surface preparation
- Mineral based, non-toxic, and ecologically safe
- Application depth 8-80mm

# LEGAL NOTE AND SIKA LIMITED SERVICE

## LEGAL NOTE

The information contained herein 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. The information only applies to the application(s) and product(s) expressly referred to herein. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be available on our website: [www.sika.co.uk](http://www.sika.co.uk).





# SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



WATERPROOFING



JOINT SEALING



FAÇADE STRUCTURAL ADHESIVES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST

## WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika have a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 101 countries around the world and manufactures in over 200 factories. With more than 20,000 employees Sika generates annual sales of CHF 7.09 billion (£5.45bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds and Dublin with more than 870 employees and a turnover of more than £260 million.

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 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 proprietary rights of third parties must be observed. Please refer to our homepage [www.sika.co.uk](http://www.sika.co.uk) for our current standard terms & conditions applicable to all orders. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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