

# Sikafloor® Level PRO

High performance, self-levelling underlayment for interior and protected exterior applications

<b>Product Description</b>	Sikafloor Level PRO is a self-levelling underlayment for interior and protected exterior applications. Self levelling underlayment for floors prior to the installation of vinyl, ceramic tiles, natural stone, carpet, wood and parquet flooring. Sikafloor Level PRO can be applied up to 50mm thick in one pour and seeks its own level in minutes. Suitable for a variety of domestic and commercial applications.
<b>Uses</b>	<ul style="list-style-type: none"><li>■ Concrete slabs</li><li>■ Existing tiles</li><li>■ Under ceramic tiles and pavers</li><li>■ Under marble, granite and terrazzo</li><li>■ Under wood, parquet and carpet</li><li>■ Use under vinyl and laminated flooring</li></ul>
<b>Advantages</b>	<ul style="list-style-type: none"><li>■ Eliminates bond failure, mildew and crumbling of resilient flooring</li><li>■ Installation of ceramic tiles possible after 18-24 hours</li><li>■ Outstanding wetting properties for fleece and fabric backings</li></ul>
<b>Storage and Shelf Life</b>	Unopened bags can be stored for up to 6 months in a cool, dry and weatherproof environment. Bags must be stored off the floor.

Construction



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## Product Data

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**Appearance / Colours** Grey

**Packaging** 20kg units

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## Technical Data

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**Flow Time** 30 minutes

**Pot Life (ASTM C191)** 45 minutes @ 21°C

**Initial Set (ASTM C191)** 2 hours @ 21°C

**Final Set** 3.5 hours @ 21°C

**Walkable Hardness after Final Set** 12-14 hours

**Compressive Strength (ASTM C109)** 1 day cure - 16.5MPa  
28 day cure - 30.3MPa

**Flexural Strength (ASTM C109)** 28 day cure - 6.98MPa

**Robinson-type Floor Test (ASTM C627)** Extra heavy rating

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## Instruction for Use

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**Surface Preparation** Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt and other contaminants that would prevent a good bond. Ambient temperature, surfaces and materials should be maintained at temperatures higher than 10°C. Concrete slabs must be fully cured and must accept water penetration. Test by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved; if water beads, surface contaminants are present, and loss of adhesion may occur. Contaminants should be mechanically removed before installation. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a broomed or brushed finish to enhance the bond. Smooth concrete slabs must be roughened to ensure a good bond.

**Priming** **Priming porous concrete floors** – Sika Level Pro Primer should be stirred prior to use. Apply using a brush or roller. Primer should be allowed to dry for approx. 45 minutes at 21°C prior to the application of Sikafloor Level Pro FS. A second application of primer may be necessary on particularly open surface that absorb the initial prime completely. The second coat must be left to dry for 30 minutes ( dependant on substrate porosity, ambient temperature and relative humidity).

**On non-porous surfaces** - Level Pro Primer should be left to dry for approx. 45 minutes under the same conditions as above

**Mixing** Mix the entire 20kg bag of powder with 5.4 litres of clean, cool water. Slowly add powder to the water while mixing with a heavy duty 13mm electric drill and mixing paddle at 500rpm. Thoroughly mix for 2 minutes to a lump-free consistency

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## Application Instructions

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**Application** Pour or pump Sikafloor Level PRO, then spread with a long handled gauged spreader. Sikafloor Level PRO will seek its own level during the first 10-20 minutes. For featheredging and touch-ups, use a smoothing tool. Sikafloor Level PRO can be applied up to 50mm thick in one application.

Sikafloor Level PRO can be extended with 10-20kg of Sikadur 505 silica sand for use as a spot repair and ramping mortar to 75mm.

**Coverage** 20kg bag of Sikafloor Level PRO will cover approximately 4m<sup>2</sup> at 3mm thick.

**Drying** After final set Sikafloor Level PRO dries to a walkable hardness in approximately 12-14 hours at 21°C. Allow 18-24 hours at 21°C prior to the application of ceramic tiles or stone. Allow 24 hours at 21°C prior to the application of impervious floor

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coverings and wood flooring. For temperatures below 20°C, allow the product to cure for an extended period of time. Test for moisture content before applying vinyl or wood flooring. Drying time is dependent on temperature, relative humidity and bed thickness of Sikafloor Level PRO.

**Cleaning** Clean tools and equipment with warm water and detergent while the product is still wet.

**Notes on Application / Limitations**

Do not use Sikafloor Level PRO over lightweight concrete, particleboard, hardwood floors, parquet floors or metal.

Do not mix or apply Sikafloor Level PRO in temperatures below 10°C and above 35°C and under hot and windy conditions.

Not recommended as a trafficable surface

Do not use on sloped surfaces that require drainage

**Health and Safety Information**

Avoid contact with skin and eyes. Wear overalls, safety shoes, impervious gloves and safety glasses. Use only in well ventilated areas. No smoking. Avoid contact with foodstuffs, and sources of heat and ignition. Wash hands after use. Store in a cool place and out of direct sunlight. Store away from oxidising agents. Keep containers closed when not in use. Do not empty into drains. If involved in a fire use water, fog, foam or dry agents. Avoid breathing products of combustion. Clean up all spills immediately. Avoid contact with skin and eyes. Wear impervious gloves and safety goggles. Trowel up/scrape up and place spilled material in clean, dry, sealed container. Flush spill area with water. If poisoning occurs, contact a doctor or Poisons Information Centre: Australia - 13 11 26, New Zealand - 0800 764 766. Do not reuse container unless thoroughly decontaminated. See the Sika Material Safety Data Sheet (MSDS) for additional information. Contact 1800 033 111 (24/7) for emergency information. If swallowed, do not induce vomiting. Immediately give a glass of water. First aid is not generally required.

If in doubt, contact a Poisons Information Centre or a doctor. Immediately irrigate with copious amount of water for 15 minutes if have come in contact with eyes. Eyelids to be held open. Urgently seek medical advice. If skin or hair contact occurs, flush skin and hair with running water and soap if available. Seek medical attention in event of irritation. If fumes or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary. Seek medical advice if in doubt.

**Legal Notes**

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request. Sika Australia Pty. Ltd. guarantee this product for 12 years provided application is in accordance with manufacturers written directions for use and the Australian Standard for Tiling Practice (AS3958.1 - 2007). The representations and recommendations regarding the products are based on tests which we believe to be reliable.

However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Sika Australia Pty. Ltd. be liable to anyone except for replacement of the products or refund of the purchase price.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.



**Sika Australia Pty Limited**  
 ABN 12 001 342 329

**aus.sika.com**  
 Tel: 1300 22 33 48

