

# Sikafloor® Rapid Patch

Rapid setting cementitious ramping and repair mortar for interior applications

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<b>Product Description</b>	Sikafloor Rapid Patch is a ramping and repair mortar generally use prior to the installation of commercial & domestic flooring products Including vinyl's, carpets, timbers, laminates, tiles etc.
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<b>Uses</b>	<ul style="list-style-type: none"><li>■ For internal applications from 0mm – 50mm</li><li>■ Ramping / grading to create a smooth transition between two types of floorcoverings</li><li>■ Patching / repair damaged concrete floors</li></ul>
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<b>Advantages</b>	<ul style="list-style-type: none"><li>■ Fast Setting</li><li>■ High early strength 24hrs = 35Mpa</li><li>■ Walkable in as little as 30 minutes (depending on thickness and temperature)</li><li>■ Installation of vinyl in as little as 60 minutes</li><li>■ Adjustable water demand from 4.0 – 4.2L</li></ul>
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<b>Storage and Shelf Life</b>	Unopened bags can be stored for up to 12 months in a cool, dry and weatherproof environment. Bags must be stored off the floor.
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## Product Data:

<b>Appearance / Colours</b>	Grey
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<b>Packaging</b>	20kg Bags
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## Technical Data:

<b>Initial Set (ASTM C191)</b>	15 minutes @ 23°C
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<b>Walkable Hardness after Final Set</b>	30 minutes @ 23°C
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<b>Compressive Strength (ASTM C109)</b>	1 day cure - 35MPa 28 day cure – 45Mpa
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## Instructions for Use:

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Construction



<b>Surface Preparation</b>	<p>Concrete floors should be fully cured, structurally sound, clean, dry, and free of surface contaminants and dust for Eg.</p> <p>Concrete must accept water penetration. Test by lightly sprinkling water on various areas of the substrate. If water penetrates, then a good bond with a selected primer can be achieved. If water beads and fails to be absorbed by the concrete surface contaminants are present then loss of adhesion may occur.</p> <p>Contaminates that are present should be mechanically removed before installation.</p> <p>All Substrates should be moisture tested prior to the application of Sikafloor levelling systems and be within the parameters of AS 1884 – 2012.</p> <p>Ambient temperature, surfaces and materials should be maintained at temperatures higher than 10°C. Concrete must be free of efflorescence and not subject to hydrostatic pressure.</p>
<b>Priming</b>	<p>A bond strength of 1.2Mpa between Sikafloor Rapid Patch to a suitably prepared clean substrate can be achieved without the use of a primer.</p> <p>For optimal adhesion or if the substrate is extremely porous ( mechanically prepared ) first apply diluted Sikafloor 01 Primer to seal the substrate and enhance bond strength. See Sikafloor 01 Primer PDS for further information.</p>
<b>Mixing</b>	<p>Mix the entire 20kg bag of powder with 4.0 – 4.2 L of clean, cool water. Slowly add powder to the water while mixing with a heavy duty 13mm electric drill with cage type mixing paddle at 500rpm.</p> <p>Thoroughly mix for 2 – 3 minutes to a lump-free consistency</p>
<b>Application Instructions</b>	
<b>Application</b>	<p>Apply the mixed Sikafloor rapid patch by hand trowel or screed and trowel to the required finish. Sikafloor rapid patch can be shaped and cut with a trowel until final set.</p>
<b>Coverage</b>	<p>20kg bag of Sikafloor Rapid Patch will cover approximately 1m<sup>2</sup> at 12mm thick.</p>
<b>Drying</b>	<p>After final set Sikafloor Rapid Patch dries to a walkable hardness in approximately 30 minutes at 23°C. Allow 60 – 80 minutes at 23°C prior to the application of vinyl's, carpets, timbers, laminates, tiles etc.</p> <p>Drying time is dependent on temperature, air flow, relative humidity and bed thickness of Sikafloor Rapid Patch.</p>
<b>Cleaning</b>	<p>Clean tools and equipment with warm water and detergent while the product is still wet.</p>
<b>Notes on Application / Limitations</b>	<p>Do not use Sikafloor Rapid Patch over lightweight concrete, particleboard, hardwood floors, parquet floors or metal.</p> <p>Do not mix or apply Sikafloor Rapid Patch in temperatures below 10°C and above 35°C or under hot and windy conditions.</p> <p>Keep product cool prior to mixing and do not leave bags in direct sun for extended periods.</p> <p>Not recommended as a trafficable surface.</p> <p>Ambient temperature, surfaces and materials should be maintained at temperatures higher than 10°C.</p> <p>Concrete must be free of efflorescence and not subject to hydrostatic pressure.</p> <p>Do not use in exterior applications.</p>



## 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 relevant Australian Standard. 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.



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