

BUILDING PRODUCT INFORMATION SHEET

Sika® FloorFix

Fast setting non shrink patching mortar

DESCRIPTION

Sika® FloorFix is a fast setting, non-shrink patching mortar formulated for floor repairs. It is suitable for horizontal applications of up to 40 mm per layer but may be used in vertical applications at up to 20 mm per layer.

USES

Sika® FloorFix has been formulated for patch repairs to floors, concrete stair treads and risers, forming ramps to screeds, patching cracks, forming coves etc, which will subsequently be covered by vinyl, carpet or other floor coverings. It is also suitable for filling of general construction recess and blockouts.

FEATURES

- Fast setting
- Non-slump
- Excellent adhesion to concrete
- Easily trowelled to a clean finish
- Can be trowelled to a feather edge

PRODUCT INFORMATION

Product identifier	Sika® FloorFix
Place of manufacture	Aotearoa New Zealand
Composition	Cementitious powder
Packaging	20 kg bag
Shelf life	Twelve (12) months when stored according to the stated conditions.
Storage conditions	Store in dry conditions at temperatures between +15°C and +40°C
Appearance and colour	Grey
Density	1.9 gms/cm ³ (Wet Density)

TECHNICAL INFORMATION

Compressive strength	1 day	~5 MPa	(EN 196-1)
	28 days	~30 MPa	

APPLICATION INFORMATION

Mixing ratio	Weight of Sika® FloorFix	Volume Water (1 litre = 1 kg)
	500 g	113 ml
	1 kg	225 ml
	2 kg	450 ml
	3 kg	675 ml

4 kg	900 ml
5 kg	1.1 litres
10 kg	2.3 litres
20 kg	4.6 litres

Yield	12.8 litres per 20 kg bag
Initial set time	Between 10 and 30 minutes at 20°C depending on thickness and substrate temperature.

MANUFACTURER AND IMPORTER INFORMATION

Manufacturer information	Address	Sika (NZ) Limited 85-91 Patiki Road Avondale, Auckland 1026 New Zealand
	Phone number	0800 745 269
	Website	https://nzl.sika.com/
	Email address	info@nz.sika.com
	NZBN	9429000018791

BUILDING CODE INFORMATION

Building Code clauses	Note: This product is used for reprofiling floor surfaces before a subsequent finish is overlaid. On its own, is not within the scope of the NZ Building Code. However if it is used under floor finishes that must comply with the Code then it will contribute to meeting the requirements of the following clauses B2 Durability: Performance clause B2.3.1 - (b) 15 years F2 Hazardous Building Materials: Performance clause F2.3.1
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Building Code compliance statements	Performance B2.3.1 (b) 15 years: This product has been evaluated in accordance with B2/VM1. It meets this durability requirement and will remain serviceable for 15 years, or more, when installed and maintained in accordance with the relevant Sika technical literature. nzl.sika.com . According to Sika's "Service Improvement" records, maintained within its ISO9001:2015 Quality Management System, this product has performed successfully since it was introduced in 2005. Performance F2.3.1: This product meets this requirement when used and applied in accordance with Sika's installation instructions and does not present a health hazard to people occupying or using the building. Refer to the Sika Product Technical Data sheet and product Safety Data Sheet nzl.sika.com for further information if required
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BASIS OF PRODUCT DATA

All technical data in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Sika® FloorFix is not recommended for application in thin layers to areas larger than 1m x 1m.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

- Surfaces to be repaired must be clean and free of laitance, loose material, oil, grease, organic growth, form release or curing agents, and dust.
- Sandblast, mechanically scabble, or use a chisel, hammer and wire brush to remove offending material.
- Wash clean with hose water and remove surface water.
- Immediately before application surfaces should be damp but without obvious free water.

MIXING

Sika® FloorFix should be mixed to the following ratio: 100 parts Sika® FloorFix : 22.5 parts water by weight. Always add powder to water. Use mechanical stirring only.

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- For mixes up to 10 kg, mix using a low speed/high torque electric hand drill fitted with a Sika Spiral Mixer.
- For quantities greater than 10 kg use a forced action pan mixer, eg Hobart Berkel Mixer.
- Add powder to cold water while stirring, and stir vigorously for a minimum of two minutes after final addition and until mix is thoroughly and uniformly wetted out. After initial mix, do not remix or add further water.

APPLICATION

- Working time is approximately 10 minutes at 20°C, and will be shorter at higher temperatures and longer at lower temperatures.
- Initial adhesion is best obtained by working mixed Sika® FloorFix hard against the damp repair surface using a gloved hand. Build up to 20 mm on vertical and 40 mm on horizontal surfaces, and finish profiles with steel tools as required. For higher builds, wait until first layer has partially set (approximately 30 minutes), score the surface for increased adhesion, and lay freshly mixed Sika® FloorFix as necessary.
- Sika® FloorFix should preferably not be used in direct sun because premature drying may occur. In all circumstances repaired areas should be kept damp by mist spraying for at least 1 hour after application to prevent risk of premature surface drying and cracking.
- Initial set between 10 and 30 minutes at 20°C depending on thickness and substrate temperature.
- Sika® FloorFix may be lightly trafficked after approximately 2 hours.

CLEANING OF EQUIPMENT

Clean uncured material with water. Mechanical action will be required to remove cured material.

MAINTENANCE REQUIREMENTS

There are no maintenance requirements for this Sika product

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 the exact product data and uses.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

The building product/building product line is not subject to warning or ban under section 26 of the Building Act 2004.

Sika (NZ) Limited

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