

Technical Data Sheet
 Edition 2, 2005
 Identification no.
 02 03 02 04 005 0 000009
 Version no. 0010
 SikaTop® 122

SikaTop® 122

Fiber Reinforce, Polymer Modified Repair Mortar

Description	A cement based polymer, two component repair mortar with added polyamide fibres, to form a high strength repair and levelling mortar for concrete.
Use	As an economical and easy to use concrete repair mortar, suitable for: <ul style="list-style-type: none"> ■ Bridges. ■ Water Retaining structures ■ Making good damaged edges and joint arises. ■ Repairing honeycombing ■ Concrete repair in general
Advantages	<ul style="list-style-type: none"> ■ Easy to mix and apply ■ Excellent adhesion ■ Good mechanical strength ■ Good water and oil resistance ■ Increase resistance to salt water, chlorides and carbonation ■ Non toxic and non flammable ■ High abrasion resistance
Coverage	2.2 kg/m ² per mm thickness
Instruction For Use	
Surface Preparation	Removed all deteriorated concrete, dirt, oil, grease and all bond-inhibiting. Preparation work should be done by scabblor or other appropriate mechanical means to obtain an aggregate-fractured surface. Substrate should be saturated surface dry (SSD) with no standing water during application.
Mixing	Pour approximately 4/5 of Component 'A' into mixing container. Add Component 'B' while continuing to mix. Mix to a uniform consistency, for 3 minutes. Add remaining Component 'A' to mix if greater consistency desired. Use a mechanically powered low speed drill (400 – 600 rpm) with mixing paddle or appropriate sized mortar mixer.
Application	Apply with spatula or trowel to required profile For large repairs use SikaTop 121 as bond –coat.
Curing	Use approved curing methods, like Antisol curing compound etc.
Limitations	Maximum thickness per application : 20 mm Variation in cement could cause shade differences in colour of the mortar.
Technical Data	
Form	A: Liquid B: Powder
Color	Concrete Grey
Mixing Ratio	Comp. A:B = 1: 6.3 by weight
Mixing Density	Approx. 2.2 kg/ltr
Pot life 30°C	25 minutes

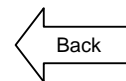


Table of contents

Flexural Strength (ASTM C-348)	28 days	50 – 70 kg/ cm ²
Bond Strength to concrete	28 days	≥15 kg/ cm ² (concrete failure)
Compressive Strength (ASTM C-109)	3 days	350 kg/ cm ²
	7 days	400 kg/ cm ²
	28 days	520 kg/ cm ²
Shelf life	9 months when unopened	
Storage	Dry, cool, shaded place	
Packaging	30 kg set	

Handling

Precautions:

- Avoid contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

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 product 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.



PT. Sika Indonesia
 Jl. Raya Cibinong- Bekasi km. 20
 Limusunggal- Cileungsi
 BOGOR 16820 - Indonesia
 Tel. +62 21 8230025
 Fax +62 21 8230026
 Website : www.sika.co.id
 e-mail: sikacare@id.sika.com

Branches
 Surabaya :
 Puri Niaga Blok G No. 29, Jl. Raya Rungkut Menanggal 11, Surabaya
 Tel : 031-8690202 ; Fax : 031-8682123
 Medan :
 Jl. Pancing / Jl. Willem Iskandar No.75 & 75 A, Kec. Medan Tembung
 Tel : 061- 6619500; Fax : (061) 6619400
 Batam :
 Jl. Laksamana Bintan, Komp. Bumi Riau Makmur Blok E No.3, Sungai Panas
 Tel : (0778) 424928; Fax : (0778) 450189

