

SikaTop® -122

Fibre Reinforce, Polymer Modified Repair Mortar

Product Description Two-component, cement based polymer modified, 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:

- Bridges.
- Water Retaining structures
- Making good damaged edges and joint arises.
- Repairing honeycombing
- Concrete repair in general

- Advantages**
- 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/m² per mm thickness

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

Flexural Strength 28 days ~ 13 N/ mm² (ASTM C-348)

Bond Strength to concrete 28 days ≥ 1.5 N/ mm² (concrete failure)

Compressive Strength

1 day	~ 15 N/ mm ²	(ASTM C-109)
3 days	~ 35 N/ mm ²	
7 days	~ 40 N/ mm ²	
28 days	~ 52 N/ mm ²	



Table of Contents

Shelf life	9 months when unopened
Storage	Dry, cool, shaded place
Packaging	30 kg set
Instruction For Use	
Surface Preparation	<p>Removed all deteriorated concrete, dirt, oil, grease and all bond-inhibiting.</p> <p>Preparation work should be done by scabber or other appropriate mechanical means to obtain an aggregate-fractured surface.</p> <p>Substrate should be saturated surface dry (SSD) with no standing water during application.</p>
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	<p>Apply with spatula or trowel to required profile</p> <p>For large repairs use SikaTop®-121 as bond –coat.</p>
Curing	Use approved curing methods, like Antisol curing compound etc.
Limitations	<p>Maximum thickness per application : 20 mm</p> <p>Variation in cement could cause shade differences in colour of the mortar.</p>
Handling Precautions:	<ul style="list-style-type: none"> ■ 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.



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