

Sikadur® -32

Epoxy Resin Bonding Agent

Product Description	Sikadur® -32 is a solvent free, two components, bonding agent, based on selected epoxy resins. Complies to: ASTM C 881 type II, Grade 2 Class B+C		
Uses	Sikadur® -32 provides a bond of far greater strength than the tensile strength of the concrete itself. Therefore it is suitable for use wherever structural bonding of new to existing concrete is carried out. Sikadur® -32 can also be used as a bonding agent on: mortar, steel, iron etc.		
Advantages	Sikadur® -32 is available in two different grades of reactivity: normal and long pot life. Other benefits are: <ul style="list-style-type: none"> ■ Easy to apply. ■ Solvent-free. ■ Unaffected by moisture. ■ Highly effective, even on damp surfaces. ■ Workable at low temperatures. ■ High tensile strength. 		
Approval / standard	Sikadur -32 has been tested as per SCAQMD Method 304-91. Result: VOC Content < 50 g/L		
Product Data			
Colour	Light Grey.		
Packaging	5 kg units (A+B).		
Storage	Store at temperatures between +5°C and +30°C, in dry conditions.		
Shelf Lif	24 months from date of production if stored properly in original unopened packing.		
Technical Data			
Density (20 °C)	1.4 kg/l.		
Mechanical Strengths	<ul style="list-style-type: none"> ■ Compressive strength ■ Flexural strength ■ Tensile strength ■ Bond strength to concrete ■ Bond strength to Steel 	<ul style="list-style-type: none"> 50-60 30- 35 18 -20 2.5 -3 18 -20 	<ul style="list-style-type: none"> N/mm² N/mm² N/mm² N/mm² (concrete failure). N/mm²
(Normal: 20°C, 65% r.h.. 10 days: L.P.: 35°C).			
Application			
Coverage	0.3 - 0.8 kg/m ² , depending on substrate condition.		
Surface Preparation	All surfaces must be clean, free from frost standing water and all loosely adhering particles. Cement laitance must be removed and the surfaces to be treated must be mechanically roughened.		
Mix Ratio	Parts by weight: Comp. A: B = 2: 1.		
Mixing	Mix components (A + B) together with a mixing paddle attached to a slow speed electric drill (max. 600 R.P.M.) until the material become smooth in consistency. Avoid entrapping air.		



Application	After mixing apply directly to the prepared substrate by brush, roller or spray. On damp surfaces, ensure that it is well brushed in. Pour new concrete within specified open time, as long as material is still tacky.		
Cleaning	Clean all tools and equipment immediately after use with Sika® Colma-Cleaner.		
Pot Life	°C	Type	L.P.
	40	Normal	20 min.
	30	-	40 min.
	20	15 min.	90 min.
	10	25 min.	-
	5	60 min.	-
		120min.	-
Open Time	°C	Type	L.P.
	40	Normal	4 hrs.
	30	-	8 hrs.
	20	1 hrs.	-
		3 hrs.	-

Safety Instructions

Ecology In liquid state components (A + B) contaminate water. Do not dispose of into water or soil but according to local regulations.

Transport Comp. (A): Non-hazardous.
Comp. (B):8/65c).

Safety precautions If splashed onto skin, take off immediately all contaminated clothing. Wash contaminated skin with plenty of soap and water. In contact with eyes or mucous membrane flush immediately with plenty of water and seek medical attention without delay.

Toxicity Class. 4, under the relevant Swiss health and safety codes.

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.



Sika Egypt for Construction Chemicals
El About City
1st industrial zone (A)
Section # 10 Block 13035,
Egypt

Tel :+202- 4481 0580
Fax :+202- 4481 0459
Mob :+2012- 2390 8822/55
www.sika.com.eg

