

Sikadur® 32

Epoxy Resin Bonding Agent

Product Description

Sikadur 32 is a solvent-free, two component bonding agent, based on selected epoxy resins.

Fields of application

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.

Properties / Advantages

Sikadur®32 is available in two different grades of reactivity: normal and long pot life. Other benefits are:

- n Easy to apply
- n Solvent-free
- n Unaffected by moisture
- n Highly effective , even on damp surfaces
- n Workable at low temperatures
- n High tensile strength

Product Data

Colour Light Grey

Mixing ratio Parts by weight and volume: Comp. A: B =2: 1

Potlife

Temperature (°C)	Type Normal	Long Potlife
40	-	20 min
30	15 min	40 min
20	25 min	90 min
10	60 min	-
5	120 min	-

Open Time

Temperature (°C)	Type Normal	Long Potlife
40	-	240 min
30	60 min	320 min
20	180 min	-



Storage Conditions / Shelf Life	24 months from date of production if stored properly in undamaged and unopened, original sealed containers at temperatures between +5°C and +30°C. Protect from frost.	
Packaging	1.2 kg units (A+B) Minipack 5 kg units (A+B)	
Physical Data		
Density	~ 1.4 kg / lt	
Mechanical strenghts	Compressive Strength	: 60-70 N/mm ²
	Flexural Strength	: 30-35 N/mm ²
	Tensile Strength	: 18-20 N/mm ²
	Bond strength to concrete	: 2.5-3 N/mm ² (concrete failure)
	(Type Normal : 20 °C, %65 r.h , 10 days; L.P. : 35 °C)	
Application		
Consumption	0,3-0,8 kg / m ² , depending on substrate condition	
Substrate Quality/ 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.	
Mixing	Add component B to component A and mix with a mixing paddle attached to a slow speed electric drill (max. 600 R.P.M.) until the material becomes 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 of Tools	Clean all tools and application equipment immediately after use with Sika Colma-Cleaner.	
Notes	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control	
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.	
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.	

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 Yapı Kimyasalları A.Ş.
Deri Org. San. Böl. 2. Yol J-7
Parsel, Aydınlı, Orhanlı Mevkii,
34957 Tuzla, İstanbul, Türkiye

Çağrı Merkezi
Telefon
Faks
bilgi@tr.sika.com

+90 216 444 74 52
+90 216 581 06 00
+90 216 581 06 99
www.sika.com.tr

