

**Technical Data Sheet**  
 Edition 3, 2007  
 Identification no.  
 02 03 02 06 002 0 000009  
 Version no. 0010  
 Sikadur®-752

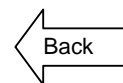
# Sikadur® -752

## Low Viscosity Epoxy Resin Injection

<b>Description</b>	A solvent-free, 2-component super low viscosity-liquid, based on high strength epoxy resins. Specially for injecting into cavities and cracks in concrete.  Complies with A.S.T.M C 881-78 Type I, Grade 1, Class B + C
<b>Uses</b>	To fill and seal cavities and crack in structural concrete such as columns, beams, foundations, decks and water-retaining structures.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>■ Tenacious crack sealing grout.</li> <li>■ Super – low viscosity.</li> <li>■ Suitable in both, dry and damp conditions.</li> <li>■ High mechanical and adhesive strength.</li> <li>■ Hard, but not brittle.</li> <li>■ No shrinkage</li> </ul>
<b>Coverage</b>	Theoretical yield is 9.25 litres / 10 kg set
<b>Instruction for Use</b>	
<b>Surface Preparation</b>	Surface must be clean and sound. It may be dry or damp, but free of standing water.
<b>Mixing</b>	Pre-mix each component. Proportion 2 part Component A to 1 part Component B into a clean pail.  Mix thoroughly for 3 minutes with a paddle on low - speed (400-600 rpm) drill until uniformly blended. Mix only quantity that can be used within its pot life.
<b>Application</b>	To gravity feed crack – pour Sikadur 752 into vee-notched crack until completely filled.  To pressure inject cracks – use automatic injection equipment or manual method. Seal parts and cracks with Sikadur 731, after cured inject Sikadur 752 with steady pressure.
<b>Limitations</b>	Maximum crack width 5.0 mm. Minimum age of concrete must be 28 days prior to application
<b>Caution</b>	Wear protective clothing , goggles, gloves and or barrier cream. In case of contact with skin, wash plenty of water immediately and consult a physician.

### Technical Data

<b>Colour</b>	Yellowish
<b>Mix Ratio</b>	Comp. A : B = 2 : 1 by weight/volume
<b>Mix Density</b>	Approx. 1.08 kg/l
<b>Viscosity</b>	180 ± 25 cps



[Table of contents](#)

<b>Pot Life 30° C</b>	35 minutes
<b>Tensile Strength</b> (ASTM D-638) <b>28 days</b>	270 kg/cm <sup>2</sup>
<b>Flexural Strength</b> (ASTM D-790) <b>28 days</b>	400 kg/cm <sup>2</sup>
<b>Bond Strength</b>	
<b>To concrete,</b> <b>28 days</b>	>20 kg/cm <sup>2</sup> (concrete failure, over mechanically prepared concrete surface)
<b>To steel,</b> <b>28 days</b>	>90 kg/cm <sup>2</sup> (steel surface blast cleaning to SA 2 ½)
<b>Compressive Strength</b> (ASTM D-695)	
<b>7 days</b>	620 kg/cm <sup>2</sup>
<b>28 days</b>	640 kg/cm <sup>2</sup>
<b>Modulus Of Elasticity</b>	10,600 kg/cm <sup>2</sup>
<b>Coefficient of thermal expansion</b> (-20°C to +40° C)	89 x 10 <sup>-6</sup> per ° C
<b>Shelf Life</b>	2 years when unopened
<b>Packaging</b>	10 Kg set
<b>Storage</b>	Dry, cool, shaded place
<b>Handling Precautions</b>	<ul style="list-style-type: none"> <li>■ Avoid contact with skin and eyes</li> <li>■ Wear protective gloves and eye protection during work</li> <li>■ If skin contact occurs, wash skin thoroughly</li> <li>■ If in eyes, hold eyes open, flood with warm water and seek medical attention without delay</li> </ul>

## 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](http://www.sika.co.id)  
 e-mail: [sikacare@id.sika.com](mailto: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

