

PRODUCT DATA SHEET

Sikadur[®]-752

Low viscosity 2-component injection resin

DESCRIPTION

Sikadur[®]-752 is a solvent-free, low viscosity injection-liquid, based on high strength epoxy resins. After mixing, it is injected into cavities and cracks in concrete where it cures to a rigid high strength material.

USES

Sikadur[®]-752 is used to fill and seal cavities and cracks in structural components such as columns, beams, foundations, decks and waterretaining structures. It not only forms an effective barrier against water infiltration, but also bonds the concrete sections, together, thereby restoring original structural strengths.

CHARACTERISTICS / ADVANTAGES

Sikadur[®]-752 is a deeply penetrative with high adhesive qualities. Other benefits are:

- Solvent-free
- Suitable in both dry and damp conditions
- Useable at low temperatures
- Shrinkage-free hardening
- High mechanical and adhesive strength

APPROVALS / STANDARDS

International and local test report are available

PRODUCT INFORMATION

Packaging	1 & 2 kg set
Colour	Yellowish / transparent
Shelf life	12 months when unopened and stored correctly
Storage conditions	+5 °C to +30 °C
Density	~ 1.1 kg/l
Viscosity	290 c. poise at 20 °C 130 c. poise at 30 °C

TECHNICAL INFORMATION

Compressive Strength	≥ 55 N/mm ² (ASTM D 695-15)		
Tensile Strength in Flexure	≥ 25 N/mm ² (ASTM D 790-15)		
Tensile Adhesion Strength	2 days	≥ 7 N/mm ²	(ASTM C881-02)
	14 days	≥ 11 N/mm ²	

APPLICATION INFORMATION

Mixing ratio

Comp. A : B = 2 : 1 parts by weight and volume

Pot Life

Temp.(°C)	Time
40	15 min.
30	30 min.
20	60 min.

Note:

- Measured on 1 kg set
- For extended pot life Comp A&B can be stored in cool room prior to mixing

APPLICATION INSTRUCTIONS**APPLICATION METHOD / TOOLS**

There are various application methods with different equipment required, depending on the nature of the work to be carried out. It is therefore advisable, to contact our Technical Department for their assistance.

IMPORTANT CONSIDERATION

Maximum width of crack to be injected: 5 mm.

Minimum age of new concrete: 3–6 weeks.

Minimum temperature of concrete to be injected +10°C.

Maximum permissible substrate temperature +30°C.

Note: to obtain the performance characteristics stated in this data sheet, the mixing ratio must be maintained.

BASIS OF PRODUCT DATA

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

Ecology: In liquid form contaminates water do not allow to enter sewage system or soil.

Transportation class: Comp A: Non-hazardous, Comp B: Hazardous. Refer safety data sheet.

Waste disposal: According to local law

Important notes: Product may cause skin irritations.

Wear gloves and goggles. If the material is accidentally splashed into the eyes, flush immediately with water and seek medical attention without delay.

Toxicity: Comp B may cause burns or serious damage to eyes.

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 Limited (Vietnam)

Nhon Trach 1 Industrial Zone,
Nhon Trach Dist., Dong Nai Province,
Vietnam

Tel: (84-251) 3560 700

Fax: (84-251) 3560 699

sikavietnam@vn.sika.com

**Product Data Sheet**

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