

Technical Data Sheet
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Sikadur® 732

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Epoxy resin Bonding Agent

Description	A solvent-free, thixotropic, 2-component structural epoxy resin adhesive. Sikadur 732 provides a perfect bond for new concrete surface to old concrete. Complies with A.S.T.M C 881-78 Type II, Grade 2, Class B + C
Uses	To bond fresh, plastic concrete to hardened concrete and steel. Grout bolts, dowels, and pins, etc. Structural adhesive for concrete, masonry, metal, wood. etc
Advantages	<ul style="list-style-type: none"> ■ High strength bonding / adhesive ■ Excellent adhesion to most structural materials ■ High early and final strength ■ Insensitive to moisture before, during and after cure ■ Highly effective, even on damp surfaces
Coverage	0.3 - 0.8 kg/m ² , depending on substrate condition

Instruction for Use

Surface Preparation	Surface must be clean and sound. It may be dry or damp, but free of standing water. Remove dust, laitance, grease, curing compounds, impregnation, waxes, foreign particles, disintegrated materials. Preparation work Concrete - Sandblast or use other approved mechanical methods. Steel - Sandblast to white metal finish.
Mixing	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 uniform in color. Mix only that quantity that can be used within its pot life.
Application	To bond fresh concrete to hardened concrete. Apply by brush, roller or broom, place fresh concrete while Sikadur 732 is still tacky.

Technical Data

Colour	Concrete Grey
Mix Ratio	Comp. A : B = 2 : 1 by weight/volume
Mix Density	Approx. 1.45 kg/ltr
Pot Life 30° C	35 minutes
Tensile Strength	
(ASTM D-638) 28 days	180 kg/cm ²
Flexural Strength	
(ASTM D-790) 28 days	390 kg/cm ²

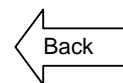


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Bond Strength to Concrete (28 days)	> 20 kg/cm ² (Concrete failure, over mechanically prepared concrete surface grade K400)
Bond Strength to Steel (28 days)	> 120 kg/cm ² (Steel surface blast cleaning to SA 2 ½)
Compressive Strength (ASTM D-695)	
7 days	>600 kg/cm ²
28 days	>630 kg/cm ²
Coefficient of thermal expansion (-20°C to +40°C)	
	50 x 10 ⁶ per ° C
Shelf Life	2 years when unopened and stored properly in original container
Storage	Dry, cool, shaded place
Packaging	5 kg set
Handling Precaution	<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

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