

SOLIDBOND QSP

Quick Set Epoxy Adhesive

Solvent free, quick set epoxy adhesive for bonding ceramics, acid bricks, steel or concrete. It may also be used for a wide range of adhesive applications where rapid set and high chemical resistance is required.

BENEFITS:



*Excellent chemical resistance.
Resists attack of petroleum products, acids and alkali*



Durable, non-shrink, high physical strength



*Fast curing. Ease of application.
Thixotropic and can be applied to vertical or overhead surfaces*



*Good temperature resistance.
Damp tolerant*

TECHNICAL DETAILS

Compressive Strength	>80 MPa	BS6319
Pull-off Strength	>7 MPa (mild steel) >10 MPa (Ceramic)	Elcometer 506
Adhesion to Concrete	>1.5 MPa (Concrete failure)	ASTM D7234
Hardness	80	Shore D
Water Uptake (Permeability)	Nil	Karsten Test
Solids Content	100%	
Mix Ratio	Mix as supplied (2:1 by weight)	
Gel Time (150 mL)	20 to 25 min (@25°C)	
Practical Pot Life (1L Kit)	15 to 20 min (@25°C)	
Practical cure	1 to 2 hrs	
Full cure	5 to 7 days	
Colour	Off white/Natural Brown	
Dry Film Thickness	0.5 to 2 mm	
Application Temperature	5 to 28°C	
Service Temperature	Wet 45°C Dry 70°C	
PACKAGING	1.5 L kit	
Shelf Life on storage at 25°C - 18 months		

SUBSTRATE REQUIREMENTS

Surfaces to be treated must be free of dust, oily residues and loose friable materials.

HEALTH AND SAFETY

Epoxy products are to be treated with care. In the event of skin contact, wash well with soap and warm water. Seek medical assistance immediately in case of eye contact. Please consult Health and Safety Ota sheets for each product.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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