

TECHNICAL DATASHEET

SUPER EPOXY

36-2421

Product Description

Super Epoxy is a two-component, non-sag, epoxy adhesive/repair paste. It is 100% solids, contains no solvents, and is extremely easy to mix and apply. Its convenient 1:1 mix ratio allows easy mixing. Super Epoxy bonds well to most surfaces, and in 24 hours forms a tough bond to a wide variety of substrates, including metals, plastics, unglazed ceramic, fiberglass, glass and wood.

Typical uses

- Bond wood, fiberglass, concrete, metal and ceramic.
- Restore rotted wood, interior or exterior.
- Repair and restore decking and damaged wood furniture.
- Repair gashes and dings in fiberglass boats, surfboards, baths and shower trays.
- Fill and seal cracks in concrete and masonry.
- Bond wood flooring and decking.

Application limitations

- Not recommended for application at temperatures below 5 °C.
- Not intended for structural applications.

Technical Data

PROPERTIES	RESULTS
State	Two-part paste
Colour of base component (Part A)	Blue
Colour of hardener (Part B)	White
Specific Gravity, 20 °C	
Base	1.50 – 1.70
Hardener	1.50 – 1.70
Mix ratio by volume and weight	1:1
Working Time, minutes (20 g, 20 °C, 50% R. H.)	65
Curing Time, minutes (20 g, 20 °C, 50% R. H.)	120
Full Cure, hours	24
Hardness, Shore D (Full cure, 24 hours)	80
Thermal resistance continuous	120 °C
Water Resistance	Very good
Chemical Resistance	Good resistance to hydrocarbons, ketones, alcohols and dilute acids and bases.
Shrinkage,%	< 0.5
Adhesive strength, solvent wiped substrates ASTM D1002	12 Mpa (Steel)

Application

The surfaces should be clean and free of grease. Combine Part A and Part B (mix ratio: 1:1 by volume) and mix until uniform color. Apply to surface to be repaired. Mix smaller quantities to minimize the heat buildup. Remove excess adhesive before it hardens.

Storage

Store in a cool, dry area. Under such conditions shelf life will be 2 years from the date of manufacture.

Health and Safety

The uncured product may cause irritation and sensitization to skin. Wear rubber or plastic coated gloves, and wash hands with soap and water immediately after use.