



IF IT'S SELLEYS IT WORKS®

EPOXY FIX SUPER STRONG

PRODUCT DESCRIPTION

Epoxy Fix Super Strong is a two-component resin adhesive that dries clear. It is specially formulated to suit applications where clear glue joints or lines are required. It exhibits strong adhesion to a wide variety of substrates, e.g. glass, chinawares, ceramics, ivory, metal, wood, etc.

TYPICAL USES

1. Reset loose stones on cuff links, jewellery, brooches, bracelets, and other accessories.
2. Repair broken ivory statuettes, figurines, antiques, etc.
3. Restore/repair precious handcrafted vases, jars, pots and other types of decors.
4. Bond porcelain or metal designs and initials on bracelets, nameplates, etc.

TECHNICAL DATA

TABLE 1. PHYSICAL PROPERTIES: UNCURED STATE

Color	Part A	:	Clear to Slight Yellow
	Part B	:	Amber
Viscosity	Part A	:	17,000-25,800 cps @ 26°C
	Part B	:	121,000-147,400 cps @ 26°C
Solids Content		:	100%
Pot life*		:	2-4 hours
Mixing Ratio		:	1:1 by volume
Cure Time: Initial Strength		:	6-8 hours
Full Cure: Maximum Strength		:	96 hours
Shelf Life		:	Very stable, indefinite

* Pot life is shorter during warm weather and longer on cold weather or when mixture is in small quantity or when mixing is done in a container where heat of reaction can be dissipated.

TABLE 2. PHYSICAL PROPERTIES: CURED STATE

Tensile/Shear Strength	:	1,500 psi (minimum)
Compressive Strength	:	4,437 psi
Hardness (Shore D)	:	70-80

Shrinkage	:	Nil
Heat Resistance	:	70°C
Weathering Resistance	:	Excellent
Chemical Resistance	:	Highly resistant to water, acids, alkalis, fuel oils and other organic solvents and chemicals.

APPLICATION PARAMETERS

SURFACE PREPARATION:

Surface contaminants such as dirt, grease, oil or wax must be removed from areas to be joined. Clean surfaces by sanding, sandblasting or brushing for stronger bonds. Surfaces should be clean and ready for application before the adhesive is mixed.

MIXING:

Mix equal part by volume of Part A and Part B. Blend thoroughly until colour streaks disappear and uniform colour is obtained. To avoid waste, prepare a quantity just enough to be consumed within the pot life period (2-4 hours).

METHOD:

Apply mixed compound with a putty knife or spatula on one or both faces of glue joints. Join surfaces with sufficient pressure to ensure complete contact. Allow to cure or to harden. Unnecessary handling should be avoided until cure is complete.

CLEANING:

Clean all tools or equipment used while adhesive is still in its uncured state. Use acetone, toluene, methyl ketone or kerosene to clean tools and spills.

HEALTH PRECAUTIONS:

If skin contact occurs, wash with soap and water. If skin irritation persists, seek medical attention. If material contacts the eyes, flush thoroughly with water and get medical attention immediately. Do not take internally. Keep material out of children's reach.

PACKAGING

BLISTER PACK

Singles	35mL/set	12 sets/box
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