



# HYPOXY CLEARFAST

## 4 MINUTES CURE CLEAR EPOXY ADHESIVE

**PRODUCT :** H - 4C 1Oz (28.4 gms ) Twin Tube Pack,  
 H - 4S 0.85 FL Oz, 25ML Dual Syringe  
 H - 4T 6.5Oz (184 gms ) Twin Tube Pack,

**DESCRIPTION:** A two-component epoxy formulation highly filled with carefully selected modified curing agents, and special high quality additives to provide maximum strength, durability, and ease of application. Will adhere to vertical surfaces and is formulated for clarity.

It Bonds rigidly to varieties of substrates such as metals, glass, ceramics, concrete, and wood in all combinations. It forms a clear hard rigid bond self leveling liquid. Cures in 4 minutes & get functional cure in few hours. The cured deposit is 100% reactive having no solvents. The Low viscosity (Approx 8,000 cps) makes it useful for varieties of industrial adhesive applications.

### APPLICATIONS:

HYPOXY CLEARFAST hardens in 4 minutes time to a Transparent mass and adheres soundly to all metal & non metal surfaces. A permanent, non-shrinking epoxy based industrial grade adhesive is recommended as Potting compound in Electrical & Electronics Industry. It is Universally used for repairing and bonding electronic components, ceramics, plastic, wood, concrete and where a clear color is desirable. It is widely used for the repair of models, toys, lamps, vases, furniture, picture frames and appliances. HYPOXY CLEARFAST® bonds wood, fiberglass, metals, glass, china, ceramics and most plastics (not polyethylene) and is unaffected by liquids such as water, oil, and gasoline. HYPOXY CLEARFAST deposit offers a very high Di Electric strength makes it most suitable adhesive for holding PCB mounted Electronic components against vibrations, Electro magnetic forces.

### PHYSICAL PROPERTIES:

Colour -:	Clear
Consistency -:	Liquid
Pot Life 1 lb. @ 24°C (75°F) -:	4 minutes
Mixed Viscosity -:	9,000 cps
Cure Shrinkage -:	0.0005 in/in
Temperature Resistance -:	200°F (94°C)
Hardness (Shore, ASTM D 1706) -:	85D
Compression Strength (ASTM D 695) -:	9,000 psi
Dielectric Strength (ASTM D 149) -:	500 volts/mil

### CHEMICAL RESISTANCE:

Hydrochloric Acid 10% -:	Fair
Ethanol -:	Fair
Sulfuric Acid 10% -:	Fair
Antifreeze Glycol -:	Fair
Water -:	Fair
Ammonia -:	Fair
Sodium Hydroxide 10% -:	Fair
Gasoline, Oil, Kerosene -:	Very Good
Mineral Spirits -:	Very Good
Toluene -:	Fair
Methanol -:	Poor





## DIRECTIONS:

Surfaces must be clean, dry, and preferably roughened for maximum adhesion.

For 1 Oz. kits add all of the resin (Part A) to all of the hardener (Part B) in the hardener can. For smaller portions, dole out 1 part hardener to 1 parts resin by volume.

**MIX THOROUGHLY** for 2 minutes making certain that all of the hardener comes in contact with all of the resin. While mixing be sure to scrape the sides and bottom of the container. This will ensure proper cure and achieve the stated strengths. CLEARFAST sets in approx 4 minutes time.

Apply the mixed compound with putty knife, spatula, or similar tool.

## CURING TIME:

At 75°F (24°C) a 1/2" (12.5mm) layer of HY-POXY CLEARFAST 4 MINUTES CURE ADHESIVE will be hard in approximately 4 minutes time.

FULL cure times are as follows:

TEMPERATURE	WORKING TIME	FULL CURE TIME
60°F (16°C)	5 Minutes	20 Hours
75°F (24°C)	4 Minutes	12 Hours
90°F (32°C)	3 Minutes	6 Hours

Heat lamp or sunlight will accelerate the cure.

## SAFETY :

Before using any product, review the appropriate Material Safety Data Sheet ( MSDS ). Follow standard confined space entry and work procedures, if appropriate.

## NON-WARRANTY:

We can accept no responsibility or liability for lack of results because the storage, handling, and application of the compound is beyond our control.

**PL CALL IN YOUR LOCAL AUTHORISED DEALER TO GET FULL ADVANTAGE OF PRODUCT TRAINING AND KNOW HOW TO MAKE MORE USE OF HY POXY PRODUCTS**



## HYPOXY SYSTEMS INDIA PVT. LIMITED

NEW DELHI – 110075. INDIA.

Mobile :- +91 9810247468, +91 9810352249

Tel. :- +91 11 28082018, Fax :- +91 11 45629850

E mail :- salesindia@hypoxy.com

Web site :- www.hypoxy.com