

HY-POXY SYSTEMS, INC.
TECHNICAL DATA SHEET

ALUMFAST® ALUMINUM PUTTY STICK

PRODUCT: H-259 Aluminum Reinforced Epoxy Putty Repair Kit Stock Number 00159

DESCRIPTION: ALUMFAST is a non-rusting hand kneadable, aluminum-reinforced, epoxy putty adhesive sealant that mixes in just one minute to provide fast repairs to items made of ferrous and aluminum metals.

APPLICATIONS: Molds like clay and universally used for repairing aluminum tanks, aluminum boats, castings, etc. A permanent, non-shrinking metallic filler for blow holes in castings. Widely used for fast, inexpensive, but accurate drill jigs and placement fixtures.

PHYSICAL PROPERTIES:	
Color	Aluminum Grey
Pot Life 1 lb. @ 24°C (75°F)	5-7 minutes
Shelf Stability @ 24°C (75°F)	12 months
Cure Shrinkage	0.0005 in/in
Temperature Resistance	250°F (121°C) Continuous
Hardness (Shore, ASTM D 1706)	75-85D
Compression Strength (ASTM D 695)	12,000 psi
Lap Shear Tensile Strength (ASTM D 1002)	400-600 psi
Dielectric Strength (ASTM D 149)	300 volts/mil

CHEMICAL RESISTANCE:	
Hydrochloric Acid 10%	Very Good
Hydrochloric Acid 50%	Good
Sulfuric Acid 10%	Very Good
Sulfuric Acid 50%	Good
Water	Very Good
Ammonia	Very Good
Sodium Hydroxide 10%	Very Good
Gasoline, Oil, Kerosene	Very Good
Mineral Spirits	Very Good
Toluene	Good
Methanol	Fair
MEK	Fair
Propylene Glycol	Very Good

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

Twist or cut off required amount. Mix with your fingers thoroughly, making certain that all of the hardener comes in contact with all of the resin. Apply the mixed compound within 2 minutes of mixing. Force into any cracks or holes to be filled and strike off excess material, preferably with a tool wetted with clean water.

CURING TIME:

TEMPERATURE
75°F (24°C)

WORKING TIME
5-7 Minutes

FULL CURE TIME
24 Hours

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.

H-259 ALUMFAST® STICK TDS