



TECHNICAL DATA SHEET

CONCRETE FLOOR REPAIR KIT

PRODUCT: H-700 40lbs (18kg) Concrete Floor Repair Kit

DESCRIPTION: A two-component epoxy formula highly concentrated with carefully selected modified curing agents and special high quality additives to provide maximum strength, durability and ease of application. The H-700 adheres to new and old concrete as well as brick, masonry and metal surfaces. The Floor Patch Kit has more than double the compression strength of concrete and is resistant to water, oil, hydraulic oil, and most chemicals.

APPLICATIONS: Universally used for repairing and bonding concrete floors and walls, bricks and masonry, loading docks, and metal surfaces.

<u>PHYSICAL PROPERTIES:</u>	
Color	Clear without sand
Consistency	Liquid without sand
Pot Life 1 lb. @ 24°C (75°F)	45 minutes with sand
Mixed Viscosity	8,000 cps
Cure Shrinkage	0.0005 in/in
Temperature Resistance	250°F (121°C)
Hardness (Shore, ASTM D 1706)	80D
Compression Strength (ASTM D 695)	11,000 psi
Dielectric Strength (ASTM D 149)	600 volts/mil

<u>CHEMICAL RESISTANCE:</u>	
Hydrochloric Acid 10%	Fair
Hydrochloric Acid 50%	Fair
Sulfuric Acid 10%	Fair
Sulfuric Acid 50%	Fair
Water	Very Good
Ammonia	Very Good
Sodium Hydroxide 10%	Very Good
Gasoline, Oil, Kerosene	Very Good
Mineral Spirits	Very Good
Toluene	Good
Methanol	Fair



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DIRECTIONS: Surface area to be repaired must be clean, dry and preferably roughened for maximum adhesion. Remove grime and loose particles until the good concrete is exposed.

Add all of the resin (Part A) to all of the hardener (Part B) in the hardener metal quart can.

MIX THOROUGHLY FOR 3 MINUTES, scraping the sides and bottom of the container making certain that all of the hardener comes in contact with all of the resin. This will ensure proper cure and achieve the stated strengths.

Next add this mix to the dry, salt free sand in the 5 gallon pail and mix with a trowel until the epoxy mixed liquid has been thoroughly blended with the sand.

Apply the mixed compound to the repair with a wet trowel putty knife, spatula, or similar tool.

CURING TIME: At 75°F (24°C) a 1/4" (6mm) layer of HY-POXY FLOOR PATCH will be hardened in approximately 2 hours. FULL cure times are as follows:

<u>TEMPERATURE</u>	<u>WORKING TIME</u>	<u>FULL CURE TIME</u>
60°F (16°C)	90 Minutes	32 Hours
75°F (24°C)	45 Minutes	16 Hours
90°F (32°C)	25 Minutes	8 Hours

Heat lamp or sunlight will accelerate the cure.

HY-POXY FLOOR PATCH REPAIR KIT will not cure properly below -40°F.

NON-WARRANTY: We cannot accept any responsibility or liability for lack of results because the storage, handling, and application of the compound are beyond our control.

H-700 TDS