



# TECHNICAL DATA SHEET

## FLOOR REPAIR KIT

**PRODUCT:** H-700 40lbs (18kg.) Floor Repair Kit Stock Number 11700

**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 concrete, bricks, masonry and metal surfaces. Floor Patch repair kit bonds securely to new concrete and old concrete and has a compression strength more than twice as high as concrete. 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.

<b>PHYSICAL PROPERTIES:</b>	
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

<b>CHEMICAL RESISTANCE:</b>	
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:** Surfaces 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**, 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.

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.

**COVERAGE:** The 40lbs FLOOR REPAIR KIT will cover 22 sq. ft. at 1/4" thick.

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

<b><u>TEMPERATURE</u></b>	<b><u>WORKING TIME</u></b>	<b><u>FULL CURE TIME</u></b>
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 REPAIR KIT will not cure properly below -40°F.

**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.