



Inter American Resins

# POLY-KRETE PT HEAVY DUTY EPOXY MORTAR FLOOR SYSTEM

## TECHNICAL DATA

POLY-KRETE PT

### DESCRIPTION:

Poly-Krete PT is a Heavy Duty Epoxy Mortar Flooring System; 100% solids epoxy resin combined with a special blend of silica sand. It is available in three different textures: standard non-skid, orange peel, and smooth. Poly-Krete PT is normally applied a thickness of  $\frac{3}{16}$ " -  $\frac{1}{4}$ ". It is designed to repair deteriorated floors and to protect new floors from chemical deterioration and industrial abuse. This product is best suited for application in temperatures between 75°F and 85°F.

### FEATURES AND BENEFITS:

- Low Odor
- Chemical Resistant
- Fast Installation
- Impervious
- Seamless
- Sanitary
- High Gloss Finish
- Long Lasting
- Repairable
- Safe (Non-Slip or Smooth Texture)
- Excellent Wear Resistant
- Impact Resistant
- Moisture Tolerant
- Withstand Heavy Traffic
- Hygienic
- Easy to Clean
- Thermal Shock Resistant
- Self Extinguishing

### PACKAGING:

Poly-Krete PT is available in three standard kit sizes:

- 8 gallons kits
- 4 gallons kits
- 1 gallon kit

### RECOMMENDED FOR:

- Activity Centers
- Agricultural
- Aircraft Hangars
- Airports
- Auto Dealers
- Bakeries
- Beverage Plants
- Breweries
- Cafeterias
- Chemical Processing Plants
- Clean Rooms
- Coolers
- Computer Assembly Lines
- Commercial Kitchens
- Convention Centers
- Correctional Facilities
- Corridors
- Docks/Ramps
- Dairies
- Distilleries
- Drive Ways
- Food Distributors
- Garages
- Hospitals
- Hotels
- Laboratories
- Laundries
- Locker Rooms
- Machine Shops
- Manufacturing Plants
- Meat, Fish, Poultry Processing Plants
- Mechanical Equipment Rooms
- Munitions Facilities
- Pharmaceuticals Plants
- Pulp and Paper Processing Facilities
- Restaurants
- Schools
- Showers
- Supermarkets
- Utilities
- Warehouses

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# TECHNICAL DATA

## Poly-Krete PT

Test	Result	Method
Taber Abrasion	Loss/1000 Cycles= 30mg	ASTM D 4060 CS 17 Wheel
Bond to Concrete	380 psi, Concrete Failed	ASTM D 4541
Tensile Strength	1,950 psi	ASTM D 307
Compressive Strength	9,500 psi	ASTM C 579
Impact Resistance	16 Ft. Lb. with no failures	Mil-D-3134H
Coefficient of Friction	0.6 min.	ASTM D 2047
Shore D Hardness	80	ASTM D 2240

### SAFETY:

Poly-Krete PT contains Amines curing agents. Protective clothing and gloves are recommended to prevent skin contact to these materials. In case of ingestion or eye contact, contact a physician immediately. MSDS area available for this product upon request.

### WARRANTY:

For product warranty see Inter American Resins, Corp. "Standard Limited Warranty". If one is not included with this literature, please call 1-855-777-7998 for further information or [www.iaresins.com](http://www.iaresins.com).

### MAINTENANCE:

Water or detergents can be used to remove residue from equipment if it is clean before the material has started to set up; otherwise, stronger solvent such as methylene chloride will be necessary. Refer to MSDS for clean-up materials.