



Inter American Resins

POLY-KRETE HD HEAVY DUTY CHEMICAL RESISTANT FLOOR SYSTEM

TECHNICAL DATA

POLY-KRETE HD

DESCRIPTION:

Poly-Krete HD is a 100% solids resin rich, chemical resistant, modified epoxy floor and vertical resurfacer. Poly-Krete HD consists of a two component resin binder and graded aggregates. Can be used indoor and outdoor. It is designed for severe chemical and solvent resistant. It can be applied in a one coat with trowel or screed rake at $\frac{1}{8}$ ", $\frac{3}{16}$ ", or $\frac{1}{4}$ " in a single application.

FEATURES AND BENEFITS:

- 100% Solids Non Porous
- Low Odor
- Strong Chemical Resistant
- Fast Installation
- Impervious
- Seamless
- Long Lasting
- Repairable
- Safe Non-Slip Texture
- Excellent Wear Resistant
- Abrasion Resistant
- Impact Resistant
- Moisture Tolerant
- Withstand Heavy Traffic
- Self Extinguishing

PACKAGING:

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

- 15 gallons kit
- 6 gallons kit
- 3 gallons kit

RECOMMENDED FOR:

- Agricultural
- Aircraft Hangars
- Auto Dealers
- Bakeries
- Beverage Plants
- Breweries
- Chemical Processing Plants
- Commercial Kitchens
- Correctional Facilities
- Corridors
- Docks/Ramps
- Dairies
- Distilleries
- Food Distributors
- Garages
- Hospitals
- Laboratories
- Laundries
- Locker Rooms
- Machine Shops
- Manufacturing Plants
- Meat, Fish, Poultry Processing Plants
- Mechanical Equipment Rooms
- Medical Devices
- Munitions Facilities
- Pharmaceuticals Plants
- Pulp and Paper Processing Facilities
- Restaurants
- Schools
- Secondary Containments
- Showers
- Supermarkets
- Utilities
- Warehouses
- Waste Water Treatment Facilities

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TECHNICAL DATA

Poly-Krete HD

Test	Result	Method
Taber Abrasion	Loss/1000 Cycles= 45mg	ASTM D 4060 CS 17 Wheel
Bond to Concrete	380 psi, Concrete Failed	ASTM D 4541
Tensile Strength	2,200 psi	ASTM D 307
Compressive Strength	12,600 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	82	ASTM D 2240
Porosity	0.00	NACE Stand TM-01-74

SAFETY:

Poly-Krete HD contains Amines as the hardener. 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.

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