



PRODUCT DESCRIPTION

The Concrete Protector PolyHard system is a low odor, solvent free, self-leveling slurry formulated to protect against thermal shock, impact, and chemical exposure while providing a durable, high performance floor. PolyHard has a high moisture vapor tolerance and can be installed from a 1/8" neat system to a 3/16" with a media broadcast (3 to 4.8 mm) thickness. PolyHard is ideal for industrial environments, which demand maximum endurance and strength. This Product protects industrial flooring, with unmatched strength, while also meeting USDA flooring requirements.

BENEFITS:

- Sani-Tred Trusted Technologies
- Low Odor
- Solvent Free
- Self-Leveling
- Thermal Shock Resistance
- Impact Resistant
- Chemical Resistant

TYPICAL USES:

- Commercial Kitchens
- Food and Beverage Plants
- Meat and Poultry Processing
- Dairy Production and packaging
- Breweries

PHYSICAL PROPERTIES

Typical Data

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions. Refer to individual The Concrete Protector component product data sheets for complete physical properties.

TEST NAME	METHOD	VALUE
COLOR		Grey, Dark Grey, Charcoal, Red, Blue, Green
VOC (Volatile Organic Content):		Refer to individual Product Component Data Sheet
ADHESION TO CONCRETE:	ASTM D-7234	>400psi
COMPRESSIVE STRENGTH:	ASTM C-579	6,500 psi
FLEXURAL STRENGTH:	ASTM D790	9,500 psi
HARDNESS:		D=85
TENSILE STRENGTH:	ASTM C-307	1,000 psi
ABRASION RESISTANCE:		19 mg loss

CHEMICAL RESISTANCE

REAGENT	RATING	REAGENT	RATING
MEK	C	XYLENE	D
METHANOL	C	10% HYDROCHLORIC ACID	D
ETHYL ALCOHOL	C	10% SODIUM HYDROXIDE	E
70% SULFURIC ACID	C	50% SODIUM HYDROXIDE	E
1.1.1 TRICHOETHANE	C	10% SULFURIC ACID	E
5% ACETIC ACID	D		

RATING KEY: A-NOT RECOMMENDED, B-CONDITIONAL, C-RECOMMENDED CONDITIONAL, D-RECOMMENDED.

APPLICATION

Surface Preparation

This product requires surface preparation by shot blasting and/ or grinding to ensure optimal performance. The surface should be free from any contaminants and any termination point should end with a saw cut.

INSTALLATION

PolyHard material components are mixed on site. Refer to the detailed installation instruction manual or a Business Development Representative of The Concrete Protector.

CLEAN UP

Tools and equipment should be cleaned with acetone, xylene, or other type of solvent.

MAINTENANCE

PolyHard is easily cleaned with neutral soaps or detergents. Pressure washing with water is also an option.

TECHNICAL SERVICE

The Concrete Protector provides services and consultations on material selection, specification, troubleshooting, and other information regarding the proper repair and protection of concrete surfaces.

Telephone 567-297-3700 or visit www.theconcreteprotector.com

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

The Concrete Protector (Division of Incredible Products, LLC), warrants that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM Concrete Protector is NOT liable for, direct or indirect, inadvertent or consequential damages. The Concrete Protector's liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM