



TECHNICAL DATA SHEET

PERFECT POLY 90

PRODUCT DESCRIPTION

The Concrete Protector's Perfect Poly 90 is an UV resistant polyaspartic. Perfect Poly 90 is a topcoat for The Concrete Protector's GRANIFLEX systems. It is fast curing and specifically formulated to be installed in thin mil applications. It is designed for use in all areas where VOC limits are a concern, including Southern California.

STANDARD COLORS: Clear
OTHER COLORS ALSO AVAILABLE: N/A
REVISION DATE: July 12, 2024

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): 3-45 min.

TACK FREE (DRY TO TOUCH): N/A

RECOAT OR TOPCOAT: 2-5 hours

LIGHT FOOT TRAFFIC: 6-8 hours

FULL CURE: 28 days

COVERAGE

Recommended for use as a topcoat on concrete, plywood, cold storage areas, steel, plastic, chemical plants, and industrial when Graniflex system is installed.

COVERAGE PER GALLON: 100-200 sq. ft.

MIX RATIO: 1 Parts A to 1 Part B

RECOMMENDED FILM THICKNESS: 14 +/- 2 mils

PACKAGING INFORMATION: 2 Gallon Kit

PHYSICAL PROPERTIES

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: 3500 psi

ADHESION: N/A

VISCOSITY: Part A 200 cps Part B 1300 cps

ABRASION RESISTANCE: ASTM D4060, CS
17, wheel, 1,000 grams, 1000 cycle

ULTIMATE ELONGATION: 50 +/- 18%

HARDNESS: 70 Shore D

VOLATILE ORGANIC CONTENT: 0.82 g/l

SHELF LIFE: 1 year in unopened containers

CHEMICAL RESISTANCE

REAGENT	RATING
XYLENE	D
TOLUENE	D
ISOPROPLY ALCOHOL	C
METHYL ETHYL KETONE	D
HYDROCHLORIC ACID 10%	A
HYDROCHLORIC ACID 5%	A
PROPYLENE CARBONATE	C
ACETIC ACID 10%	A
PHOSPHORIC ACID 10%	A
SULPHRIC ACID 60%	D
SULPHRIC ACID 10%	A
SULPHRIC ACID 5%	A
MOTOR OIL	A
GASOLINE	A
BRAKE FLUID	A
TRANSMISSION FLUID	A

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SKYDROL	D
POTASSIUM HYDROXIDE 10%	B
POTASSIUM HYDROXIDE 20%	B
SODIUM HYDROXIDE 10%	B
SODIUM HYDROXIDE 20%	B
10% SUGAR WATER	A

RATING KEY: A - Not Recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion.
 NOTE: extensive chemical resistance information is available through your sales representative.

LIMITATIONS

- On grade slabs must perform a moisture-vapor transmission test.
- Surfaces must be dry, clean and free of foreign matter.
- Clear coating may turn opaque and cloudy due to moisture penetration, especially exterior.
- Surfaces may be slippery when wet.

BENEFITS

- Excellent adhesion
- Excellent abrasion resistance
- Low Odor
- UV Resistant

INSTRUCTIONS

- 1) Premix Part A and Part B separately
- 2) Combine 1 Part of Part A and 1 Part of Part B, stir thoroughly with a stick or mixer on slow speed
- 3) Spread out mixed material using a squeegee or trowel
- 4) Backroll with a 3/8" nap roller

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 THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The 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 stray 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

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