



# TECHNICAL DATA SHEET PERFECT POLY 90

## PRODUCT

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

### CURE SCHEDULE (75°)

<b>POT LIFE (1.5 GAL Volume)</b>	15-25 mins
<b>TACK FREE (DRY TO TOUCH)</b>	N/A
<b>RECOAT OR TOPCOAT</b>	2-5 hours
<b>LIGHT FOOT TRAFFIC</b>	6-8 hours
<b>FULL CURE</b>	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.

<b>COVERAGE PER GALLON:</b>	1 Gal-100 Sq Ft
<b>MIX RATIO:</b>	1 Part A to 1 Part B
<b>RECOMMENDED FILM THICKNESS:</b>	14 +/- 2 mils

**PACKAGING INFORMATION:** 2 Gallon Kit, 10 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:** N/A  
**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

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.

WARNING: This product contains isocyanates and solvent

## INSTRUCTIONS

**PRODUCT MIXING:** Perfect Poly 90 may not be diluted under any circumstance. Perfect Poly 90 Part-A and Part-B should be mixed individually before combining. Add Part-B to Part-A while mixing, using a mechanical mixer at medium speed.

**SURFACE PREPARATION:** Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

**CLEANUP:** Equipment should be cleaned with an environmentally safe solvent.

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

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

The Concrete Protector (Division of Incredible Products, LLC), warrant 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 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