



# TECHNICAL DATA SHEET

## POLY FUSION

### PRODUCT DESCRIPTION

The Concrete Protector's Poly Fusion is a high solids, concentrated, tint system which is designed for Poly 85 or Graniseal. It has ultra fine pigments that will easily dispersed in Poly 85 or Graniseal. These are designed to obtain a semi transparent stain or solid opaque colored finish.

**STANDARD COLORS:** Includes 14 colors also Black and White

#### CURE SCHEDULE (70°)

**POT LIFE (1.5 GAL Volume)** Refer to Poly 85 Tech

**TACK FREE (DRY TO TOUCH)** Refer to Poly 85 Tech

**RECOAT OR TOPCOAT** Refer to Poly 85 Tech

**LIGHT FOOT TRAFFIC** Refer to Poly 85 Tech

**FULL CURE** Refer to Poly 85 Tech

#### COVERAGE

Recommended for use on unsealed or untreated warehouse floors, industrial shops, basements, garages and any other concrete surface where a solid color is desired.

**COVERAGE PER GALLON:** Refer to Poly 85 Tech

**MIX RATIO:** 9 oz Color to 1 Gallon  
45 oz Color to 5 Gallon

**RECOMMENDED FILM THICKNESS:** N/A

**PACKAGING INFORMATION:** Quarts and Gallons Only

### PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** N/A

**COMPRESSIVE STRENGTH:** N/A

**TENSILE STRENGTH:** N/A

**ADHESION:** Excellent

**VISCOSITY:** N/A

**ABRASION RESISTANCE:** N/A

**ULTIMATE ELONGATION:** N/A

**HARDNESS:** N/A

**VOLATILE ORGANIC CONTENT:** Depends of Poly 85 used

**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

Poly Fusion is a solid color coating. Test prior to use. Do not thin Poly Fusion.  
Keep away from open flames. Poly Fusion is flammable. Coverage rates depend upon many conditions including application method, surface porosity, applicator etc.  
Follow guidelines for Poly 85 that is to be used for application instructions.

## INSTRUCTIONS

### PRODUCT MIXING:

Mix desired amount in Poly 85 Part A for 1-2 minutes using a squirrel mixer at a low speed. Then continue with proper mixing of Parts A and Parts B.

### SURFACE PREPARATION:

Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

### CLEANUP: N/A

### 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.

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