

**PART A** GPDFPTF  
**PART B** GPDFPTFB1  
**PART C** GPDFPTFAG

**SERIES**  
**HARDENER**  
**AGGREGATE**

Revised: April 11, 2025

**PRODUCT INFORMATION**

**PRODUCT DESCRIPTION**

**POLY-CRETE TF PLUS** is a solvent-free, high-build coating based upon polyurethane technology. It is typically used as a primer or topcoat for Poly-Crete systems. As a primer, it can be used under Poly-Crete MD, Poly-Crete SLB with coarse sand broadcast, HYBRI-FLEX ES or porous substrates where any Poly-Crete system is being installed. It may also be used as a primer for Poly-Crete Colorfast topcoat to enhance hiding power. As a topcoat, it can be used with Poly-Crete WR coving, Poly-Crete HF, Poly-Crete MDB and Poly-Crete SLB systems.

**BENEFITS**

- VOC Compliant
- ADA Compliant
- Low Odor
- Meets USDA, FDA, OSHA Standards
- Wide Service Temperature, -100°F to 220°F
- Superior Adhesion
- Thermal Shock Resistant
- Easy Maintenance

**LIMITATIONS**

This product is best suited for application in temperatures between 60°F and 85°F. Substrate must be clean, sound and dry. Minimum application spread rate of 8 mils must be achieved or a glossy/ blotchy appearance will occur. Poly-Crete TF Plus resin and hardener cannot be mixed with other Poly-Crete resins and hardeners.

**CHEMICAL RESISTANCE**

This product is resistant to many common chemicals. Please consult your High Performance Flooring Representative for actual resistance to specific chemical/regents.

**PRODUCT CHARACTERISTICS**

**Colors:** Blue, Charcoal, Chestnut, Concrete Gray, Dark Gray, Green, Gray, and Red. Custom color matches available.

**VOC:** 0 g/L

**Mix Ratio:** 3 component kit

**Drying Schedule:**

@ 70°F (21°C)

**Light traffic:** 12 hours

**Full service:** 3-5 days

*Drying time is temperature, humidity, and film thickness dependent.*

**Pot life:** 15 minutes (1 gallon @ 77°F)

**Shelf Life:** Part A: 12 months, unopened  
Part B: 12 months, unopened  
Part C: 6 months, unopened

**TYPICAL USES**

Poly-Crete TF Plus is used to topcoat Poly-Crete WR and Poly-Crete HF and provide a uniform look for coving. Typical areas of application:

- Chemical Processing
- Food Processing Areas
- Cook / Chill Areas
- Plant Vehicle Aisles
- Bottling Areas
- Sanitize / Wash Areas
- Steel Substrates

**PERFORMANCE CHARACTERISTICS**

Test Name	Test Method	Results
<b>Abrasion Resistance</b>	ASTM D4060, CS17 wheel, 1000 GM load, 1,000 cycles	50 mg loss
<b>Adhesion to Concrete</b>	ASTM D7234	>400 psi, concrete fails before loss of bond
<b>Compressive Strength</b>	ASTM C579	7,250 psi
<b>Flexural Strength</b>	ASTM D790	4,400 psi
<b>Hardness (Shore D)</b>	ASTM D2240	85
<b>Impact Resistance</b>	ASTM D1709, 125 mils	>160 in lbs
<b>Tensile Strength</b>	ASTM D638	750 psi



HIGH  
PERFORMANCE  
FLOORING

# POLY-CRETE™ TF PLUS

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### **SURFACE PREPARATION**

To be assured of maximum adhesion and properties from High Performance Flooring products, the correct surface preparation is required. Please refer to the master Surface Preparation Guide on our website for more information.

### **APPLICATION**

Poly-Crete TF Plus is applied with a flat squeegee, notched squeegee, and 3/8" nap roller at 8-10 mils. REFER TO SPECIFIC POLY-CRETE SYSTEM TO DETERMINE APPLICATION METHOD.

#### **GUIDE SPECIFICATIONS**

This product is part of the Sherwin-Williams family of polymer systems. Please refer to the master Specifier's Guide for complete three part guide specs.

#### **DRAWINGS AND DETAILS**

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please refer to the master Drawings and Details guide for actual drawings.

#### **JOINT GUIDELINES**

Refer to the Joint Guidelines for complete details on our website.

#### **MOISTURE CONCERNS**

Please refer to the Floor Evaluation Guidelines on our website.

### **ORDERING INFORMATION**

Poly-Crete TF Plus is available in three part units consisting of resin, hardener and aggregate. Poly-Crete TF Plus must be stored dry. Do not reseal containers contaminated with moisture. Do not use partial bags of aggregate. Do not allow resins to freeze. Every Poly-Crete product will be shipped with a lot number on the label. The first two digits indicate the year; the second two show the month, the third two will be the day. The shelf life is 6 months from the date on the label in the original unopened container.

### **APPLICATION CONDITIONS**

Service temperature: -100°F to 220°F (live stream)

### **CLEANUP**

This product is considered to be a low maintenance flooring solution; however, certain textures and service environments require specific procedures. Please refer to the master Cleaning Guide on our website.

### **SAFETY**

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### **DISCLAIMER**

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

### **WARRANTY**

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.