

PRODUCT DATA SHEET

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POLY-CRETE TF

DESCRIPTION

POLY-CRETE TF is a solvent free, high build coating based upon polyurethane technology. Although it is designed as a topcoat and primer for POLY-CRETE WR and POLY-CRETE HF, it should also be used as a topcoat for POLY-CRETE MDB and SLB systems.

BENEFITS

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

LIMITATIONS

This product is best suited for application in temperatures between 50° 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.

TYPICAL USES

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

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

COLORS

POLY-CRETE TF is available in 10 standard colors. Refer to the Poly-Crete Color Selector Chart

PACKAGING & STORAGE CONDITIONS

POLY-CRETE TF is available in three part units consisting of resin, hardener and activator powder. POLY-CRETE TF must be stored dry. Do not reseal containers contaminated with moisture. Do not use partial bags of aggregate. Do not allow resins to Every POLY-CRETE product will be freeze. 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.

SURFACE PREPARATION

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

APPLICATION METHOD/SPREAD RATE

POLY-CRETE TF is applied with a flat squeegee, notched squeegee, and medium nap roller at 8-10 mils. REFER TO SPECIFIC POLY-CRETE SYSTEM TO DETERMINE APPLICATION METHOD.

GUIDE SPECIFICATIONS

This product is part of the DUR-A-FLEX 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.

Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. SELLER SHALL NOT BE LIABLE FOR PROSPECTIVE PROFITS OR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES. Seller's sole liability and buyer's exclusive remedy for breach of any warranty as expressly limited, at seller's option, to replacement at the original F.O.B. point or refund of purchase price, but in no event will Seller's liability exceed the total purchase price of the defective product. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.

POLY-CRETE TF			
TECHNICAL INFORMATION			
Cure Time @ 70° F			
Foot Traffic	24 hours		
Full Service	3 – 5 days		
Color	10 standard colors	10 standard colors	
Mix Ratio (by volume)	3 Component Kit	3 Component Kit	
Pot Life - 1 gallon @ 77°F	15 minutes	15 minutes	
Adhesion to Concrete	> 400 psi, concret	> 400 psi, concrete fails before loss of bond	
Service Temperature	-100 to 220 F (live steam)		
Physical Property	Test Method	Result	
Hardness (Shore D)	ASTM D 2240	85	
Compressive Strength	ASTM C 579	7,250 psi	
Tensile Strength	ASTM D 638	750 psi	
Impact Resistance @ 125 mils	ASTM D 1709	> 160 inch lbs	
Flexural Strength	ASTM D 790	4,400 psi	
Abrasion Resistance	ASTM C 501	40 mg loss	
Taber H 10 Wheel 1000 GM Load1000 Cycles			
VOC Content		0 g/L	

MOISTURE CONCERNS

Please refer to the Floor Evaluation Flow Chart in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please call the DUR-A-FLEX Technical Department for actual resistance to specific chemical/regents

CLEANING

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.

CAUTION

Adequate cross ventilation should be provided. Read, understand and follow Material Safety Data Sheets and Application Instructions of this flooring system prior to use. Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed.

Before using any DUR-A-FLEX, Inc. product, be sure the Material Safety Data Sheet is read and understood.