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**PRODUCT DATA SHEET** 

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# **POLY-CRETE TF COVE HARDENER**

## DESCRIPTION

POLY-CRETE TF COVE HARDENER was specifically designed for vertical applications where extra sag resistance is required. Upon mixing, the viscosity drops significantly which makes mixing and handling easy. However, when the mixing blade is removed the viscosity rises once again. This added viscosity makes cove work easier and more efficiently, while maintaining the toughness and chemical resistance found in POLY-CRETE TF.

#### **BENEFITS**

- Low Odor
- Coves Close Up Tighter
- Versatile Usage
- Good Chemical Resistance
- Tenacious Bonding Quality

## **LIMITATIONS**

This product is best suited for applications in temperatures between 60°F and 85°F. Substrate must be clean, sound, and dry. Pull excess sealer off with a squeegee to avoid leaving a heavy topcoat on cove base.

#### TYPICAL USE

This formula was developed <u>specifically</u> for installing cove and may be used in all phases of that process. (Prime coat, Base coat, and Topcoat)

#### **COLORS**

POLY-CRETE TF COVE HARDENER is mixed with POLY-CRETE TF RESIN and Aggregate. Please refer to the Poly-Crete color chart for specific colors.

#### PACKAGING

POLY-CRETE TF COVE HARDENER is available in pre-measured kits containing POLY-CRETE TF resin, POLY-CRETE TF COVE hardener, and one bag of POLY-CRETE TF aggregate. Flintshot is available in 50 or 100lbs bags.

# SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be roughened, clean, sound, and dry. Please refer to the master Surface Preparation Guide on our website for more information.

## **APPLICATION METHOD**

Prime the wall with a coat of the mixed POLY-CRETE TF resin, POLY-CRETE TF COVE hardener and POLY-CRETE TF aggregate. The next step is to trowel a mixture of 10qts of Flintshot aggregate to one mixed kit of resin, hardener, and aggregate. When cured, use a brush to topcoat. Be sure to remove any excess material with a squeegee. This should be done by pulling the material down to the bottom of the cove radius, then back up to the top edge of the cove.

## **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.

#### CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.

"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 COVE			
TECHNICAL INFORMATION			
Cure Time @ 70° F			
Light Traffic	24 hours		
Full Service	3 – 5 days	3 – 5 days	
Color	10 standard color	10 standard colors	
Mix Ratio (by volume)	3 Component Kit	t	
Pot Life - 1 gallon @ 77°F	15 minutes	15 minutes	
Adhesion to Concrete	> 400 psi, concre	> 400 psi, concrete fails before loss of bond	
Service Temperature	-100 to 220 F (live steam)		
Physical Property	<b>Test Method</b>	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	900 mg loss	
Taber H 10 Wheel 1000 GM Load			
1000 Cycles			
VOC Content		0 g/L	

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