

## **POLY-CRETE COLOR-FAST**

### **DESCRIPTION**

POLY-CRETE COLOR-FAST is a 100% solids three component cementitious aliphatic urethane topcoat. POLY-CRETE COLOR-FAST can be used as a topcoat for POLY-CRETE HF, POLY-CRETE MD, POLY-CRETE WR and as a grout coat for POLY-CRETE MDB and SLB systems. POLY-CRETE COLOR-FAST preserves the performance and durability of cementitious urethane systems, while offering an aesthetic look that is UV stable. POLY-CRETE COLOR-FAST is designed to be fast curing and offer better stain resistance to food processing chemicals compared with traditional cementitious urethane systems.

### **BENEFITS**

- Color Stable
- Low Odor
- Meets USDA/FDA/OSHA Standards
- Hygienic – Will Not Harbor Bacteria
- Fast Dry Time
- Good Stain Resistance to Food Processing Chemicals

### **LIMITATIONS**

It is not recommended to apply POLY-CRETE COLOR-FAST thinner than 10 mils or thicker than 30 mils. Do not apply POLY-CRETE COLORFAST if RH >85%. POLY-CRETE COLOR-FAST is best suited for application in temperatures between 60°F and 85°F. POLY-CRETE COLOR-FAST produces a semi-gloss finish. Use of POLY-CRETE COLOR-FAST colors Blue or Green will require a grout coat of POLY-CRETE TF PLUS prior to application to ensure consistent color. Please refer to the POLY-CRETE COLOR-FAST Application Instructions for a complete list of limitations.

**LIGHT COLOR POLY-CRETE COLOR FAST MUST BE APPLIED OVER A PIGMENTED PRIMER, MATCHING BROADCAST, AND/OR PIGMENTED GROUT COAT - FAILURE TO DO SO WILL RESULT IN BLOTCHY OR STREAKY COLOR OF THE FINAL SYSTEM.**

### **TYPICAL USES**

POLY-CRETE COLOR-FAST is used as a topcoat that improves the aesthetics in all the POLY-CRETE system (HF, MD, TC, SL, TF PLUS and WR) and as grout coat for POLY-CRETE MDB and SLB systems.

### **PACKAGING/STORAGE**

POLY-CRETE COLOR-FAST is available in premeasured kits in small and large sizes. Each kit consists of pigmented resin, hardener and aggregate. POLY-CRETE COLOR-FAST hardener and aggregate must be stored dry. When the aggregate is exposed to water or high moisture, clumping will result and reduce the active powder content. Exposure of the hardener to water or high moisture will cause carbon dioxide to generate and lead to a build up in pressure. Do not reseal containers that have been contaminated with moisture. The shelf life is 1 year for resin and 6 months for the hardener from ship date in the original unopened containers.

### **APPLICATION METHOD/SPREAD RATE**

POLY-CRETE COLOR-FAST is applied with 1/8" notch or 12" window flat squeegee followed by a back roll using 3/8" nap roller in accordance with the spread rate as follows:

- 50 Sq Ft per kit over Q-Rok
- 100 Sq Ft per kit over Flintshot
- 120 Sq Ft per kit over Smooth

Spread rate above are for small-size kits.

Large-size kits are 2X (double) the above.

### **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 Guide in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

### **COLORS**

Refer to the POLY-CRETE Standard Color Chart.

### **CLEANING**

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

**CAUTION**

Refer to the Safety Data Sheet for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.

Physical Property	Test Method	Result
Weight Solids % (Resin/Hardener/Powder)		100%
VOC		0 g/L
Mix Ratio		3 Component Kit
Flexural Strength	ASTM D-790	1000 psi
Compressive Strength	ASTM C-579	7,800 psi
Tensile Strength	ASTM D-638	4,200 psi
Service Temperature		-10 to 220°F (live stream)
Taber Abrasion Resistance 1000g load, 1000 cycles, CS-17 wheel	ASTM D-4060	45 mg loss
Recommended Applied Thickness and Spread Rates: QRock Flintshot Smooth		(small-size kits, large-size are 2X (double)) 50 sq ft per kit 100 sq ft per kit 120 sq ft per kit @ 12 mils
Hardness (Shore D)	ASTM D-2240	65 D
Gloss 60°	ASTM D-523	Semi-gloss appearance
Pot Life at 70°F, 50% RH		10 minutes
Working Time at 70°F, 50% RH		15 minutes
Foot Traffic <sup>1</sup> : 70°F		12 hours
60°F		24 hours
50°F		44 hours
Full Service <sup>1</sup>		72 hours
Full Chemical Resistance		5-7 days

<sup>1</sup>To protect the floor from scratches when moving equipment on a POLY-CRETE COLOR-FAST floor, the use of temporary floor protection such as Ram board (or equivalent) is recommended. If using masonite or plywood, apply a layer of plastic sheeting such as Visqueen (or equivalent) underneath the wood. Plywood and Masonite can yellow a Poly-Crete Color-Fast floor if laid on the floor in less than 7 days (full POLY-CRETE COLOR-FAST cure).

**IMPORTANT!**

Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT [DUR-A-FLEX.COM](http://DUR-A-FLEX.COM) FOR THE LATEST VERSION