

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 over POLY-CRETE TF PLUS as a thin film flooring system or 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 manufacturing 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 COLOR-FAST 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.

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.

COLORS

Refer to the POLY-CRETE Standard Color Chart.

PACKAGING & STORAGE CONDITIONS

POLY-CRETE COLOR-FAST is available in pre-measured 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.

POLY-CRETE COLOR-FAST

PRODUCT PROPERTIES

Weight Solids, % (Resin/Hardener/Powder)	100%
Volatile Organic Compounds Content (VOC)	0 g/l
Mix Ratio	3 Component Kit
Flexural Strength (ASTM D790)	1000 psi
Compressive Strength (ASTM C579)	7,800 psi
Tensile Strength (ASTM D638)	4,200 psi
Service Temperature	-10 to 220° F (live steam)
Taber Abrasion Resistance (ASTM D4060) ASTM D 4060, 1000g load, 1000 cycles, CS-17 wheel	45 mg loss
Recommended Applied Thickness and Spread Rates: Q-Rok Flintshot Smooth	(small-size kits, large-size kits are 2X (double)) 50 Sq Ft per kit 100 Sq Ft per kit 120 Sq Ft per kit @ 12mils
Shore D Hardness (ASTM D2240)	65 D
Gloss (ASTM D523) 60°	Semi-gloss appearance
Pot Life at 70°F, 50%RH	10 minutes
Working Time at 70°F,50%RH	15 minutes
Foot traffic ¹ : 70°F 60°F 50°F	12 hours 24 hours 44 hours
Full Service ¹	72 hours
Full Chemical Resistance	5 – 7 days

¹To 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 Polycrete Colorfast floor if laid on the floor in less than 7 days (full POLY-CRETE COLOR-FAST cure).

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.

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