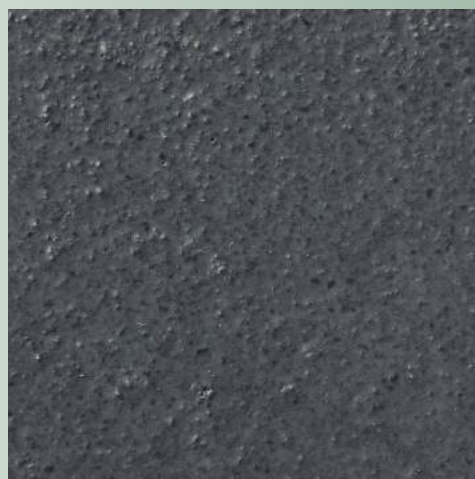# POLY-CRETE®

URETHANE
FLOORING
SYSTEMS

DUR-A-FLEX®
INNOVATION FROM THE FLOOR UP

POLY-CRETE® HIGH PERFORMANCE POLYURETHANES

Poly-Crete polyurethane products were developed by listening to and recognizing our customers' flooring needs. These products also meet the torturous challenges and demands of today's individual process requirements. Poly-Crete is recommended for applications where wet processing, chemical contamination and high temperature cleaning is carried out. Poly-Crete systems offer a notable advantage in food, beverage, pharmaceutical and chemical industries, meeting strict food safety guidelines.

COMMITMENT TO GREEN

Dur-A-Flex® recognizes the need to be at the forefront in developing eco-friendly products. All Poly-Crete systems have zero VOCs and are CA 01350 compliant, making your project eligible for LEED® credits.

CHEMICAL RESISTANT

Poly-Crete systems offer non-porous, impervious surfaces that provide outstanding resistance to chemical attack. Poly-Crete should be considered in environments subject to chemical spillage and rigorous cleaning schedules. Poly-Crete floors also do not support bacterial growth.

NON-TAINTING

Poly-Crete is low odor and free from volatile components eliminating the risk of contamination in food environments during install.

SLIP RESISTANT

All Poly-Crete systems provide standard levels of slip resistance. In wet processing or areas subject to spillage, individual formulations can be specified for added slip resistance to increase safety.

THERMAL SHOCK RESISTANT

In food processing, wide temperature swings occurring in a short period of time like hot water discharges from boilers, kitchen equipment or steam cleaning can have an adverse effect on the adhesion of synthetic flooring materials. By having a coefficient of thermal expansion similar to concrete substrates, Poly-Crete systems virtually eliminate these risks, unlike most other resin-based flooring options.

Cost Comparison Per Square Foot			
	Installed Cost	Annual Maintenance Cost	Estimated Cost Per Year*
Urethane Cement	12.00	.50	1.70
Quarry Tile	12.00	1.10	2.30

Based on typical floor life expectancy and correct maintenance techniques. Chart is for comparison purposes only. It does not reflect geographical and labor market variations.

POLY-CRETE COLOR-FAST
Performance Topcoat Finish

- Semi-gloss finish
- UV stable - no fading
- Excellent chemical and stain resistance
- Medium to heavy duty applications

POLY-CRETE TF
Performance Topcoat Finish

- Matte finish
- Cost effective
- Excellent chemical resistance
- Medium to heavy duty applications

POLY-CRETE WR & TF COVE
Cove and Wall Coatings

- Use with all Poly-Crete flooring systems for wall and cove applications
- Creates seamless transition between floor and wall

POLY-CRETE HF
Heavy Duty Floor System
1/4" to 3/8" thickness

- Monolithic - one step installation
- Highest thermal shock resistance
- Withstands pressure/steam cleaning
- Solid color, matte finish

POLY-CRETE MDB
Medium Duty Floor System
3/16" to 1/4" thickness

NFSI HIGH-TRACTION

- Self leveling
- Solid color and decorative options
- Smooth and textured surface options
- Excellent thermal shock resistance
- Multiple finish options

POLY-CRETE SLB
Self Leveling Broadcast Floor System
3/16" thickness

- Light to medium duty applications
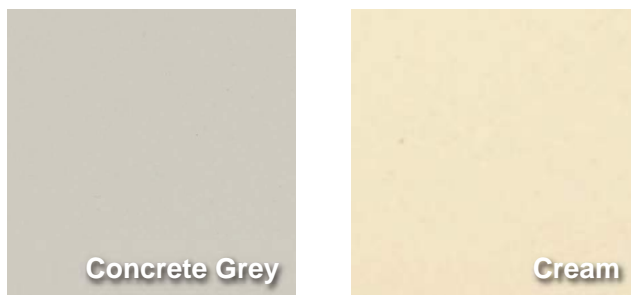- Multiple finish options

CA 01350
COMPLIANT

Blue*   **Burnt Orange***   **Charcoal**   **Chestnut**

Dark Grey   **Green***   **Red**   **Grey**

Poly-Crete MD, MDB, SLB, HF systems and Poly-Crete TF topcoat feature a matte finish.
Poly-Crete Color-Fast topcoat features a semi-gloss finish and UV stability for color retention.

NOTE: Differences in chemical composition, thickness, application methods and jobsite conditions may cause slight variations of individual colors across the various products. Colors may also be affected by age, heat and exposure to ultraviolet light from natural sunlight and overhead lighting (non-UV stable products). Dur-A-Flex recommends obtaining an actual color sample for best representation.

*Poly-Crete Color-Fast in these colors require a grout coat of Poly-Crete TF to ensure consistent color.

POLY-CRETE MD Broadcast Background Colors

Concrete Grey   **Cream**

NOTE: These colors are designed for use as neutral background shades for decorative broadcast systems only