



*CrownCrete-U*TM

URETHANE FLOORING SYSTEMS



CrownCrete-U™

HIGH PERFORMANCE POLYURETHANES

CrownCrete-U is a family of urethane mortar flooring systems from Crown Polymers offering long-lasting, and durable flooring performance.

CrownCrete-U's rapid installation and quick application time minimizes facility down time. These products are engineered to meet the rigorous challenges and demands of today's high performance criteria — including high chemical resistance, freeze and thaw cycles, installation over green concrete after 7 days, durability and safety.

CrownCrete-U systems offer a notable advantage in food, beverage, pharmaceutical, and chemical industries.



Benefits

COMMITMENT TO SUSTAINABILITY

All CrownCrete-U systems have zero VOCs, and contain renewable resources making your project CA 01350 compliant and eligible for LEED® credits.

CHEMICAL RESISTANT

CrownCrete-U systems offer non-porous surfaces that provide exceptionally resistance to many organic acids and solvents that would otherwise degrade competitive's resin flooring systems.

NON-TAINTING

CrownCrete-U is a fast curing, low odor, and VOC-free coating that mitigates the risk of contamination in food environments during installation.

SEAMLESS & SLIP RESISTANCE, EASY-TO-CLEAN SURFACES

All CrownCrete-U products provide an easy to clean seamless flooring system. In wet processing areas or areas subject to spillage, individual systems can be tailored for added slip resistance for increased safety.

THERMAL SHOCK RESISTANT

CrownCrete-U is designed to withstand a wide swing in temperature fluctuations, as found in hot water discharges from boilers, kitchen equipment or steam cleaning in food processing industries. With a coefficient of thermal expansion similar to concrete substrates, CrownCrete-U flooring systems are engineered for durability and extreme thermal shock, superior to other competitor's resin-based flooring options.



Product Options

CrownCrete-U 1/8" Self-Leveling

Product No. 818

Light to Medium Duty Floor System applied at 1/8" to 3/16" and installed over flat substrates

- Super smooth surface
- Self-leveling
- Self-priming
- Smooth and textured surface options

CrownCrete-U 1/4" Slurry Grade

Product No. 814

Heavy Duty Floor System

- Robust flooring system
- Can be used as self-leveling or slurry
- Excellent thermal shock resistance
- Ideal for freezer room

CrownCrete-U Trowel Grade

Product No. 838

High-build, maximum performance, Trowel-applied system

- Heavy duty flooring system
- High flow trowel grade
- Highest thermal shock resistance
- Designed for slopping and pitching

CrownCrete-U Skim Coat

Product No. 810

Multi-functional performance coating

Applied at 8-16 mils

- All-purpose coating
- Can be used primer mid-coat/topcoat or seal-coat
- Can be used as a stand-alone broadcast system
- Can be used as patching and coving when mixed with suitable aggregates

CrownCrete-U Cove

Product No. 811

- Attractive appearance
- Creates a seamless monolithic flooring system
- Can be installed 1/16" - 1/4" thick cove
- High thermal shock and chemical resistance

Crown Polymers Performance

Topcoat(s) Optional

- UV stable epoxy topcoat
- Functional to high performance polyaspartics
- High performance urethane
- High chemical resistance
- Gloss and matte finish

Available Colors

Un-pigmented, light gray, and dark gray colors are stock items. For other color options, please contact us for availability.



Blue



Chestnut



Charcoal



Dark Gray



Green



Gray



Tile Red



NOTE: Individual results may vary. 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). Crown Polymers recommends obtaining an actual color sample for best representation.



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