

CrownCrete-UTM

Cementitious Urethane Flooring Systems



About **CrownCrete-U™**

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 minimize facility downtime. 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 the food, beverage, pharmaceutical, and chemical industries.



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 exceptional resistance to many organic acids and solvents that would otherwise degrade competitive resin flooring systems.



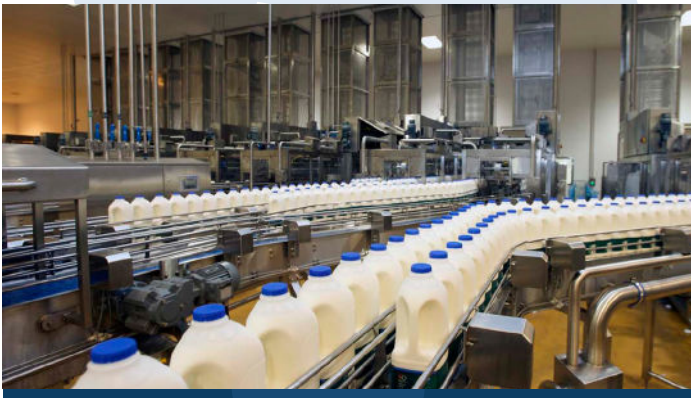
SEAMLESS & SLIP-RESISTANT, EASY TO CLEAN SURFACES

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.



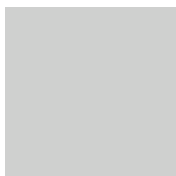
THERMAL SHOCK RESISTANT

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 competitors' resin-based flooring options.



AVAILABLE COLORS

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



Gray



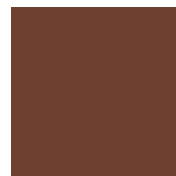
Dark Gray



Charcoal



Tile Red



Chestnut

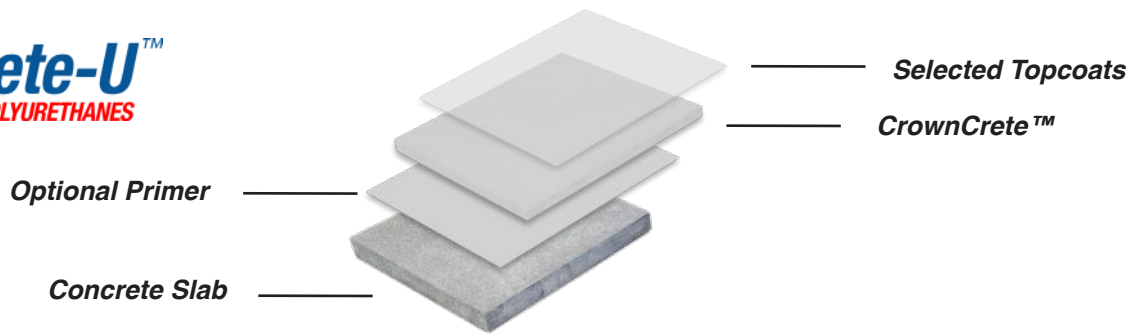


Blue



Green

NOTE: Individual results may vary. Differences in chemical composition, thickness, application methods and job-site 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.



A MULTI-FUNCTIONAL URETHANE CEMENT SYSTEM
Easy to Apply, Fast Return to Service, Heavy Duty Strength



WIDE TEMPERATURE SERVICE RANGE
FROM -50 TO 200°F (-45 to 93° C)



EXTREMELY HIGH BOND STRENGTH
TO CONCRETE



HAS YEARS OF SUCCESSFUL INSTALLATION
COMPARED TO EPOXY AND / OR MMA



SIMILAR THERMAL EXPANSION
TO CONCRETE



CAN BE APPLIED TO 7-10 DAY
OLD CONCRETE



EXCELLENT IMPACT RESISTANCE



FAST CURING



UNAFFECTED BY
FREEZE-THAW
CYCLES



LITTLE TO
NO ODOR

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 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 polyurethane and polyaspartic
- Functional to high performance
- UV Resistant epoxy topcoat
- Gloss and matte finish
- Chemical resistant

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 patching and coving when mixed with suitable aggregates
- Can be used as a stand-alone broadcast system

CrownCrete-U Trowel Grade

Product No. 838

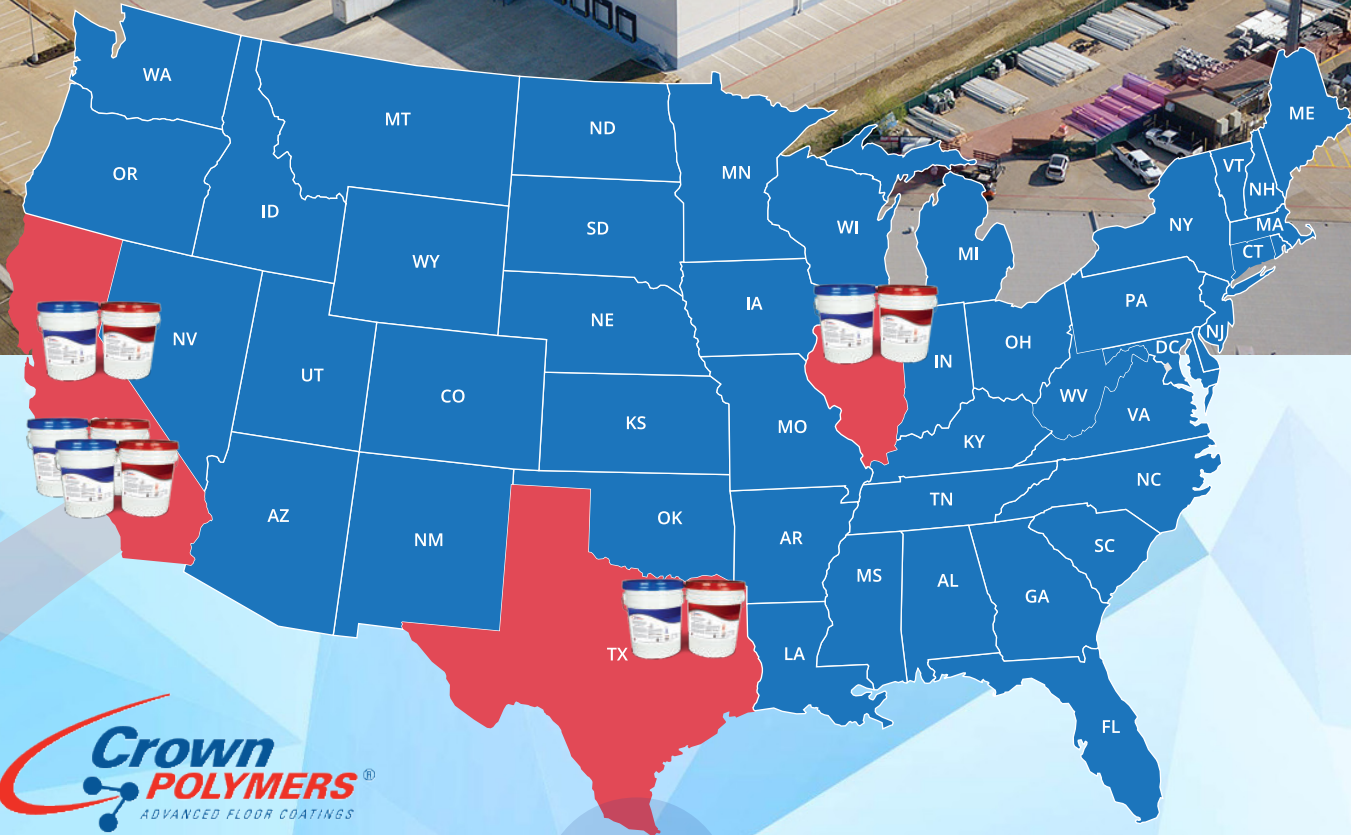
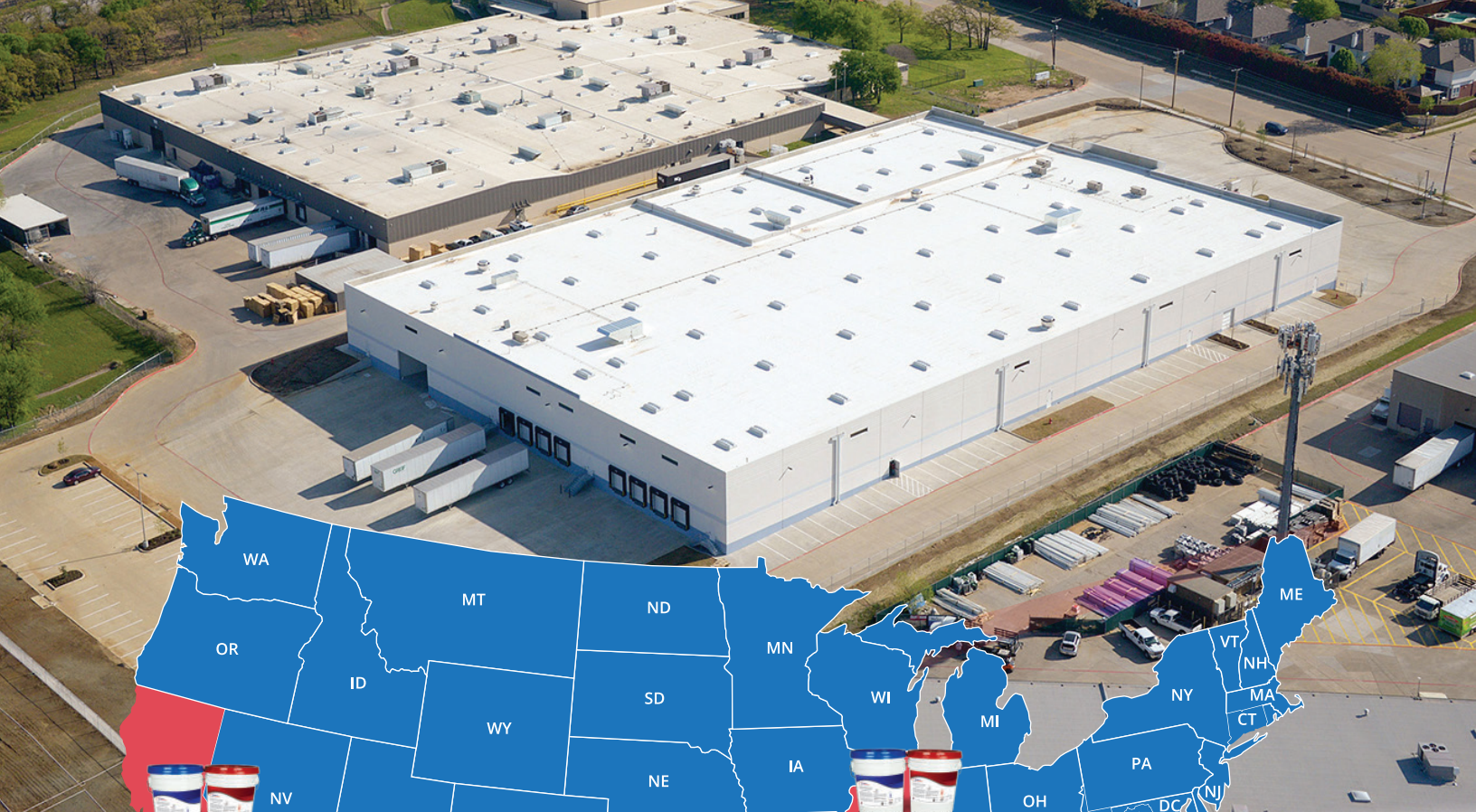
High-build maximum performance, Trowel-applied system

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

CrownCrete-U Screed

Product No. 839

- Heavy duty flooring system
- High flow screed grade
- Highest thermal shock resistance
- Superior Impact Resistance



With over 30+ years of industry experience, Crown Polymers is one of the nation's leading manufacturers of high-performance epoxy and urethane-based floor coating products and concrete repair systems for commercial, institutional and industrial floors. Crown's production capabilities span across California, Texas, and Illinois with over 1,000,000 square feet of manufacturing space.

GET IN TOUCH

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