



FOOD & BEVERAGE PROCESSING

Floor Coating Systems



Advantages

Crown flooring systems deliver the performance food processing facilities need, combining rapid installation to minimize downtime with long-lasting durability. Their seamless, slip-resistant surfaces are easy to clean and help improve worker safety in wet or greasy areas, while exceptional chemical, thermal shock, and freeze-thaw resistance withstand harsh cleaning agents, hot washdowns, and cold storage conditions. Engineered for heavy impact resistance and strong adhesion—even to 7–10 day old concrete—they support high-traffic, high-demand operations with zero VOCs, low odor, and sustainable materials eligible for LEED® credits.



COMMITMENT TO SUSTAINABILITY

All CrownCrete-U systems have zero VOCs, and contain **RENEWABLE RESOURCES** making your project 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

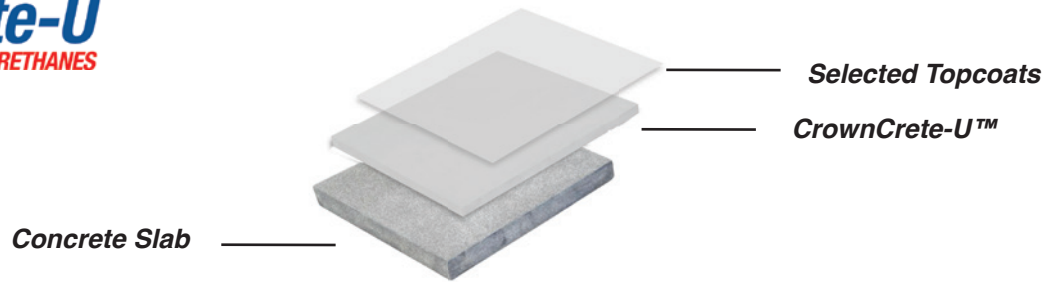
All CrownCrete-U products provide an easy-to-clean seamless flooring system. In wet processing areas or areas subject to spillage, individual systems can be tailored for added slip resistance for increased safety.



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.





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



RESISTANT TO BACTERIAL AND
MICROBIAL GROWTH.



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
- UV Resistant epoxy topcoat
- Functional to high performance
- 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

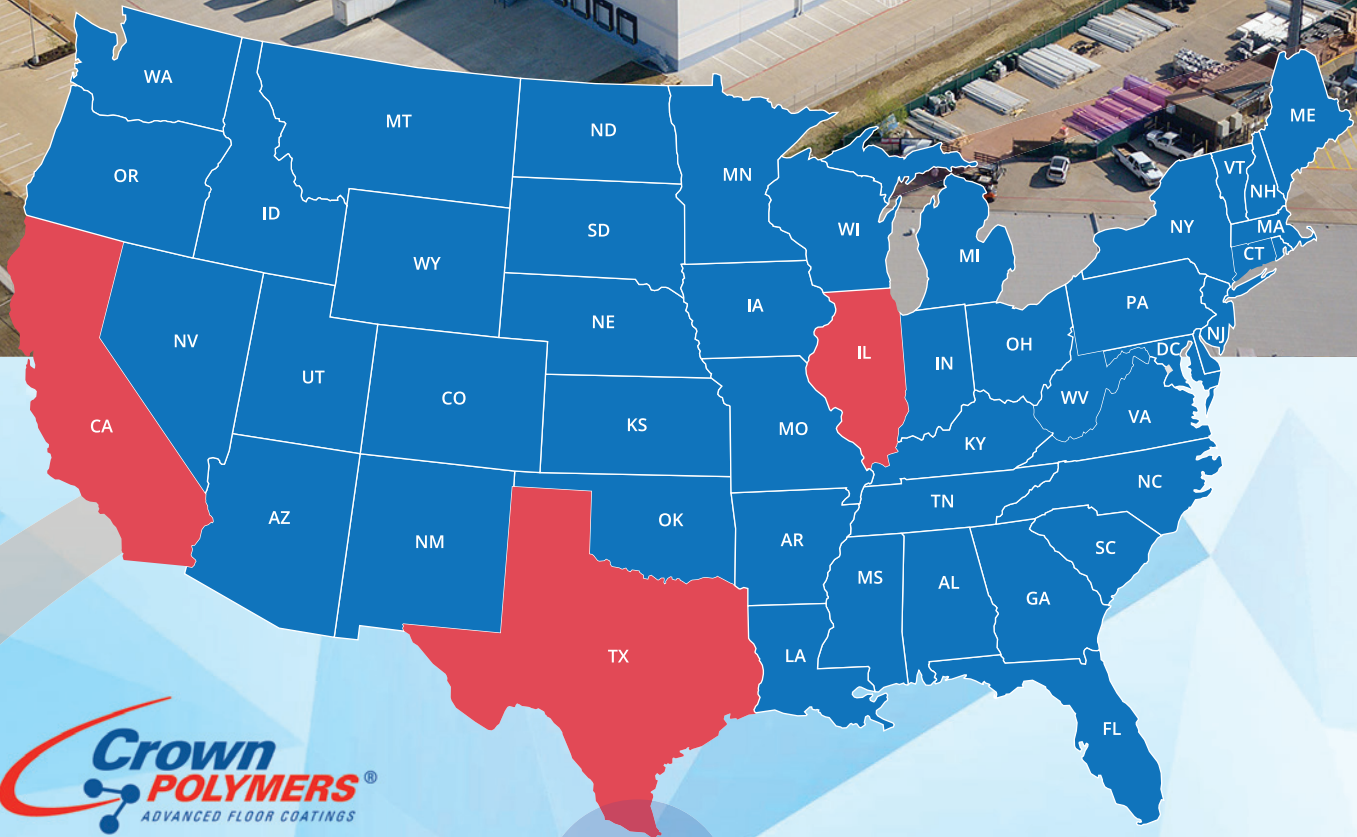
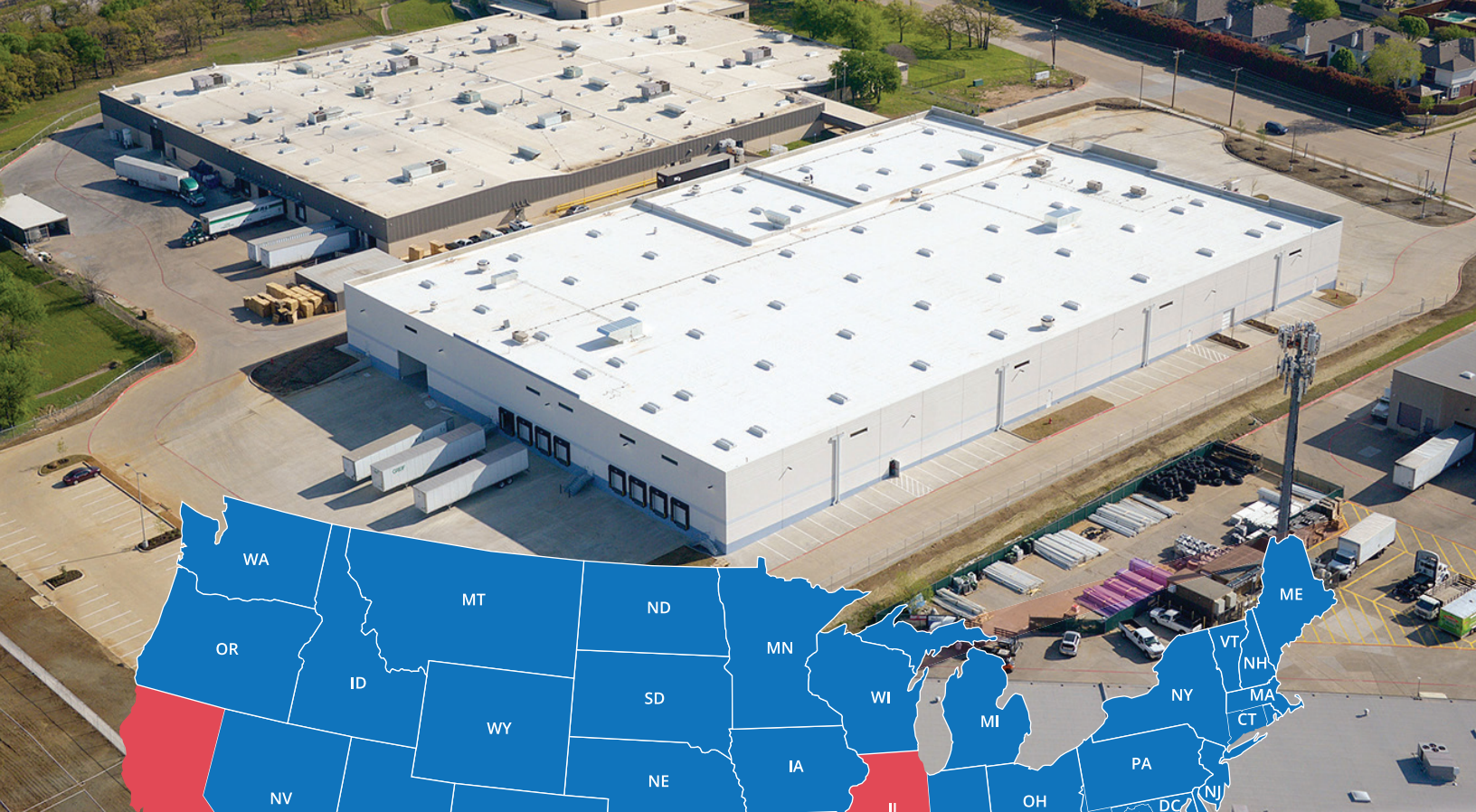
High-build maximum performance, Trowel-applied system

- 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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