

Product Guide

URETHANE POLYMER CONCRETE UV

DESCRIPTION

KRETUS® Urethane Polymer Concrete UV is a UV-stable, low odor, 100% solids, 4-component system. Designed to withstand hot and cold industrial pressure washing, high abrasion, extreme temperatures, and aggressive chemical and thermal attacks, this self-priming cementitious urethane outperforms and outlasts epoxy, tile, VCT, concrete, and urethane-sand under extreme industrial conditions.

SYSTEM APPLICATIONS

- primer
- cold storage to -40°F
- flexible crack & joint repair
- seamless moisture mitigation
- decorative systems
- industrial, healthcare, commercial, government, institution, and residential areas

ADVANTAGES

- **compliance:** USDA, FDA, EPA, SCAQMD, and VOC compliant
- **high-traffic tolerant:** stands up to vehicle traffic and continuous pedestrian traffic
- **adhesion:** adheres to multiple substrates (concrete, wood, metal, non-glazed tiles)
- **moisture vapor resistant:** reduces moisture vapor emissions
- **low shine:** decreases glare and sheen
- **impact resistant:** fortifies against damage from dropped tools
- **scratch resistant:** conceals minor scratches
- **waterproofing:** protects surfaces and underlying areas from water intrusion
- **green building:** eligible for LEED points, produced in California from partially recycled materials
- **anti-microbial:** protects against bacterial and fungal growth
- **ez clean:** requires little effort to maintain (see Maintenance & Cleaning Guide at kretus.com/project-planning.)
- **thermal shock:** meets the demands of freeze-thaw cycles
- **chemical resistant:** resists chemical spills and cleaners (see Chemical Resistance Chart kretus.com/project-planning.)
- **UV resistant:** protects against deterioration and discoloration from intense lighting and sun exposure.

LIMITATIONS

- Where outgassing is suspected or prevalent, a Urethane Polymer Concrete prime coat may be required.

FINISH

- matte, cream (unpigmented)
- texture based on application
- **Color & decorative options:** See Urethane Polymer Concrete Color Chart at kretus.com/color-charts.
- **Increased slip resistance:** Find Anti-Slip samples at kretus.com/anti-slip.
- **Custom orders:** See KRETUS® Special Order form at kretus.com/project-planning.

PRODUCT DATA	
PART A	Urethane Polymer Concrete RC/TT
PART B	Urethane Polymer Concrete RC UV AP
PART C	Urethane Polymer Concrete RC
PART D	Poly Accelerant
MIX RATIO	A:B:C:D = 6 lbs:6 lbs:6 lbs:6 oz
RECOMMENDED APPLICATION TEMPERATURE	40-100°F, <90% RH
WORKING TIME	30 min
RECOAT TIME	8 hrs
RETURN TO SERVICE	12-16 hrs
FULL CURE	7 days
RH (ASTM F2170)	<99%
MVER (ASTM F1869)	15 lbs

All times recorded using 1-qt product at ambient temperature of 70°F and 50% humidity.

- higher temperature and/or humidity = reduced working times
- lower temperature and/or humidity = increased working times

DISCLAIMER: The information contained in this document is intended for use by KRETUS® qualified and trained professionals. This is not a legally binding document and does not release the specifier from their responsibility to apply materials correctly under the specific conditions of the construction site and the intended results of the construction process. The most current valid standards for testing and installation, acknowledged rules of technology, and KRETUS® technical guidelines must be adhered to at all times. The steps given in this document and other mentioned documents are critical to the success of your project.