

High-Build Clear UV Epoxy Floor Coating for Commercial and Industrial Use

DESCRIPTION

Crown Clear™ UV, Product No. 326, is a 100% Solids, Moisture-insensitive, Non-shrink, Two-Component UV Resistant Epoxy Base Coat and Top Coat Floor Coating System.

WHERE TO USE

On Dry Concrete Floor or Slab Surfaces for Foot Traffic & Vehicular Pneumatic Tires. Use as Clear Coat over Flakes, Colored Stone, Build-up Pigmented System and Areas Where Extra Protection of the Pigmented System is Required.

ADVANTAGES

- UV Resistant
- High-Gloss, Non-Blush Film
- Nearly No Odor
- 100% Solids, No VOC's
- Non-Shrink Coating
- Moisture-insensitive
- Self Leveling
- Fast Cure Rate
- Cures Down to 4.5°C (40°F)
- Excellent Strength Properties
- Excellent Impact Resistant
- Easy to Place
- Used as Neat, Slurry, or Broadcast System

PACKAGING (CODE)

3 Gal Unit (**K**), 5 Gal/Unit (**M**)
15 Gal/Unit (**P**)

Typical Data for Crown Clear UV

(Material and Curing Conditions at 73°F unless noted, 50% R.H.)

COLOR	Clear (Water-Clear)	VISCOSITY	500 – 800 cps.
POTLIFE	28 - 38 minutes	CONSISTENCY	Self-Leveling
TACK-FREE TIME			
Substrate Temperature	50°F	73°F	90°F
	14 – 16 hrs.	10 – 12 hrs.	6 – 8 hrs.

TENSILE PROPERTIES (ASTM D638) 7 Days

Tensile Strength	6,800 psi
Elongation at Break	8 %

FLEXURAL PROPERTIES (ASTM D790) 7 Days

Flexural Strength	10,000 psi
Tangent Modulus of Elasticity	372,000 psi

SLANT SHEAR STRENGTH (ASTM C882) 7 Days

Test Temperature	Value	Mode of Failure
90°F	4,100 psi	100% Concrete Failure
50°F	4,200 psi	100% Concrete Failure

COMPRESSIVE STRENGTH (ASTM D695)

Strength at Yield	9,800 psi
Modulus	315,000 psi

ABRASION RESISTANCE WEIGHT LOSS @ 1,000 Cycles

Wheel No.10	0.051 gm
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BOND STRENGTH (Mild Steel to Mild Steel) 890 psi

HARDNESS, SHORE D (ASTM D2240)

7 Days	80
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WATER ABSORPTION (D 570)

7 Days	0.3%
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ANTI-MICROBIAL ADDITIVE – Crowncide, Product No.SP668 may be incorporated into the Top Coat at the factory to prevent growth of most bacteria, fungi, algae and actinomycetes.

SHELF LIFE 1.5 years in original unopened containers

How to Apply Crown Clear UV

SURFACE PROFILES

Varieties of anti-skid surface profiles are available from a glossy smooth finish to a textured orange peel look.

PRECONDITIONING POLYMER

When temperatures drop, polymers typically thicken and it becomes harder to flow or to spread the product. When the temperatures are warmer, they typically become thinner. To improve the flow-ability of product during placement maintain temperatures before mixing at about 20°C (73°F).

LIMITATIONS

Clear coat systems could turn a milky color if the substrate is damp or wet.
Do not apply below 40°F (4.4°C).

CUSTOMER SATISFACTION

Apply a test area to ensure that the application meets the customer's expectations.

CLEAN-UP

Components "A" & "B" - Ventilate area. Control spills. Collect with absorbent material.

DISPOSAL

Dispose in accordance with current, applicable local, state, and federal regulations

CAUTION

Before Using Read Material Safety Data Sheets.

Component "A" - Irritant

Contains epoxy resins. Prolonged contact with skin may cause irritation. Avoid contact with eyes.

Component "B" - Corrosive

Contains aliphatic / cycloaliphatic amines. Contact with skin may cause severe burns. Avoid eye contact. Product is a strong sensitizer.

IMPORTANT INFORMATION

Use of safety goggles, chemical-resistant gloves, adequate ventilation and NIOSH/OSHA approved respirator is recommended.

FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. For respiratory problems, remove person to fresh air. Contact a physician immediately. Wash clothing before re-use.

TECHNICAL / SPECIFICATION SERVICES

Technical Support and Product & Application Specifications are available from Crown Polymers or our Local Representatives.

KEEP OUT OF REACH OF CHILDREN

LIMITED WARRANTY - "Crown Polymers, LLC warrants its products to be free of manufacturing defects, to be of good quality, and that they will meet Crown Polymers current published physical properties when applied in accordance with Crown Polymers written directions and tested in accordance with ACI, ASTM and Crown Polymers Standards. Product proved to be defective will be replaced. **There are no other warranties by Crown Polymers, LLC of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product.** Crown Polymers, LLC shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. Crown Polymers will not be responsible for use of this product in a manner to infringe on any patent held by others."

For the Location of Your Nearest Crown Polymers' Representative



CALL NATIONWIDE TOLL-FREE 1-888 / 732-1270