

A Decorative Commercial / Industrial Grade Color Quartz Polymer Concrete Overlay System for Interior or Exterior Uses

DESCRIPTION

CrownQuartz, Product No. 306 is a 100% solids (no VOC's), low viscosity, moisture-insensitive, non-shrink, nearly odorless, two-component, modified epoxy binder for color quartz aggregate floor systems. The polymer has excellent adhesion to the aggregate, concrete and wood surfaces. It cures under dry and damp substrate conditions. The system is typically 1/16 to 3/32 in. thick when broadcasted and 1/4 in. and thicker when slurry or trowel applied.

CrownQuartz provides a durable floor surface with anti-skid properties that are adjustable by the number of topcoats applied. Its chemical resistance is excellent and can be upgraded by changing the clear topcoat.

CrownQuartz Aggregates are available in 18 standard colors. The colors may be blended together to create your own custom color and patterns. The only limitation in color design is our imagination.

The Uniqueness of CrownQuartz Floor Systems adds beauty and character to the floor and surrounding structure by allowing a wide versatility in color design, logo design, patterns and borders.

ADVANTAGES

- Excellent Working and Cure Times
- Applicable and Curable Down to 40°F
- May Be Applied over Other Crown Polymers' Build-up Overlays for Thicker Applications
- CrownQuartz Cove Base Available
- Chemical Resistant Clear Epoxy Top Coat
- UV Resistant Polyurea Top Coat

WHERE TO USE

The durability, physical strength, abrasion resistance and adjustable surface texture profile of the seamless CrownQuartz make it an excellent choice for the protection of light and medium duty areas where slip-resistance, ease of cleaning and aesthetics are important for interior or exterior uses.

- Substrates where USDA, FDA, OSHA, EPA or Other Regulatory Agency Standards Must Be Complied with.
- Food Processing and Service Areas
- Seamless / Sanitary Counter Surfaces
- Hospitals and Health Care Facilities
- Correctional Facilities
- Commercial and Institutional Floors
- Laboratory and Manufacturing Floors
- Building Entrances, Lobbies, Hallways, Patios and Side Walks
- Shower, Locker and Rest Room Floors
- Retail and Show Rooms
- Automobile Service Areas
- Animal Kennel and Hospital Floors

TYPICAL DATA FOR CROWNQUARTZ

Color	Very Light Amber
Viscosity	400 - 700 cps (MPa.s)
Potlife	12 - 18 minutes
Tack-Free Time	6 - 12 hrs
Full Cure	5 days
Shelf Life	1.5 years
Compressive Strength	13,900 psi
Tensile Strength	8,100 psi (56 MPa)
Tensile Elongation	>6%
Flexural Strength	9,200 psi
Hardness, Shore D	80
Impact Resistance	Withstands 21 ft-lbs.
Adhesion, Tensile Pull	400 psi (PCC failure)
Water Absorption	< 0.11%
Flammability	Self-extinguishing

Unique Architectural Colored Quartz Polymer Concrete Overlay System

LIMITATIONS

- **DO NOT APPLY ON WET OR WATER SATURATED CONCRETE SURFACES**
- Do Not Apply When Substrate Temperature is below 40°F (5°C).
- Do Not Thin with Solvents or Other Materials, They Will Prevent Proper Cure.
- Apply Only on Dry Wood Surfaces.
- See Application Method No. 7.

APPLICATION

- Read the Material Safety Data Sheet
- Read All Product Information Sheets Before Starting Work
- Single Broadcast and Top Coat, Application Method No. 3
- Double Broadcast and Top Coat, Application Method No. 4
- Single and Double Broadcast and Top Coat, Cement Board and Wood
- Application Method No. 7

SAMPLES AND DESIGN ASSISTANCE

Design assistance and finished samples are available upon request. Service and quality are just a part of our commitment to our customers in helping to develop top of the line floor systems that provide all of the elements of durability, safety, easy maintenance and of course beautiful-attractive floors.

CAUTION

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

CLEAN UP

In case of spills wear suitable protective equipment, contain spill, and collect with absorbent material, place in suitable container. Ventilate area. Avoid contact. Dispose according to applicable local, state, and federal regulations.

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 Physician Immediately. Wash clothing before re-use.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINERS TIGHTLY CLOSED

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



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