

CrownPrime 7022

Product Description Sheet No. 7022

Two-Component, High Solids Epoxy-Polyamine Filler Surfacer Primer

Description

CrownPrime 7022 is a two component, high solids, liquid applied, epoxy-polyamine filler surfacer with unique characteristics of sealing pores in concrete.

Advantages

- Low Odor
- Solvent Free
- High Solids
- Excellent Adhesion

Typical Uses

- Concrete
- Polyurethane Elastomeric Surfaces
- Steel

Colors

Part-A: Black, Part-B: White

Packaging

2 gallon kit: One 1 gallon (3.78 liter) can of Part-A and One 1 gallon (3.78 liter) can of Part-B.

10 gallon kit: One 5 gallon (18.9 liter) pail of Part-A and One 5 gallon (18.9 liter) pail of Part-B.

Mixing:

The volume mixing ratio is 1 part Part-A Black Liquid to 1 part Part-B White Liquid. Do not mix in an up and down motion.

CrownPrime 7022 Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. CrownPrime 7022 must always be mixed with one part Part-A and one part Part-B (Part-A: Part-B = 1:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

Application:

CrownPrime 7022 should be used on rough or porous concrete, or when outgassing is a concern. CrownPrime 7022 can be applied using a flat squeegee, phenolic resin core roller, trowel or airless spray.

Coverage Rate:

One gallon per 200 square feet in general. Coverage rate will depend on surface roughness and porosity.

Allow CrownPrime 7022 to become tack free before applying the coating. Approximate tack free time is 3-5 hours at 75°F (24°C) and 50% relative humidity.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point.

CrownPrime 7022 is very sensitive to heat. Higher temperatures will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature will extend the cure time.

Technical Data (Based on draw down film)

Coverage Rate	1 gal/200 sq. ft. 0.20 l/m ²
Dry Film Thickness per Coat	7.0 mils 178 microns
Pot Life at 75°F (24°C), 50% R.H.	30-45 min.
Hardness, ASTM D-2240	70 ± 5 Shore D
Specific Gravity, Part-A	1.34
Part-B	1.97
Total Solids by Weight, ASTM D-2369	94.5%
Total Solids by Volume, ASTM D-2697	91.4%
Viscosity at 75°F (24°C) Part-A & B combined	30 ± 5 poise
Volatile Organic Compounds, ASTM D-2369-81	0.76 lb/gal 91 gm/liter

Equipment Cleanup:

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

Storage:

CrownPrime 7022 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

Limitations:

Not UV stable. CrownPrime 7022 should be coated within 12 hours after it has become tack free. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. CrownPrime 7022 is difficult to clean up after it has cured. Do not dilute CrownPrime 7022. Mix no more material than can be used within 20 minutes.

Warning:

This product contains Epoxy Resin and Curatives

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINERS TIGHTLY CLOSED

LIMITED WARRANTY "Crown Polymers Corp. 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 Corp. 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 Corp. 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."