

Technical Data Sheet

LAST UPDATE: (January 2016)

CORNERSTONE C309

Water-based Acrylic Cure and Seal

DESCRIPTION

Cornerstone C309 is an economical All-Acrylic Polymer which is superior to the Copolymer Resins used in other cure and seal products. Cornerstone C309 is used on interior and exterior freshly finished concrete surfaces. It has a VOC content of 70 g/l, is non-yellowing, low odor, and surpasses ASTM C309 as a cure and seal. Cornerstone C309 can be applied to existing concrete surfaces to give shine and stain resistance.

BENEFITS

Cures, Seals, Dustproofs
Cure: ASTM C309 Type 1, Class B
VOC Compliant in all regions
Moisture Retention: ASTM C156 pass
VOC'S: 70 grams/litre
Only one coat required to meet ASTM C309 Dries quickly and ready for next day use
Goes on white and dries clear for easy coverage.
Contributes to LEED Credits
Low Odor
Non yellowing/UV Stable
Non-Flammable
Safe to Use
Increase in Hot Tire Resistance

USES

Cure and Seal for new interior or exterior concrete such as: Commercial and Industrial Floors, Sidewalks, Basements, Garage Floors, Parking Decks, Patios, Driveways

PHYSICAL CHARACTERISTICS

Recommended Coats: 1 coat as a cure
2 coats for a sealer
Color: Milky White dries clear

PACKAGING: 18.9 Litre Pails (5 gallons)
205 Litre Drums (55 gallons)

COVERAGE:

Approximately 200 ft²/gallon (4.9 m²/litre)

SHELF LIFE: 1 yr in original, properly stored, unopened container

CAUTIONS

This product should not be used at temperatures below 40°F (4°C)
Avoid spraying Cornerstone C309 into joint prior to installation of sealer.
Do not apply concrete or mortar toppings over sealed surfaces.

APPLICATION

Mixing: Stir thoroughly prior to use. Do not use high speed mixing equipment. Do not thin or dilute.
Placement: Apply Cornerstone C309 immediately after all the surface water has disappeared and the surface can be walked on without scuffing the surface. Applying the product too early or too late can affect the overall curing performance. Use a low pressure sprayer, roller or brush. Apply uniformly without puddles. A second coat can be applied after the 1st coat has dried at a rate of 400-600 ft²/gal (9.8-14.7 m²/litre) for a longer lasting higher gloss finish with improved durability and abrasion resistance.

CLEAN-UP

Clean tools and equipment with clean water and soap while the products is still wet.

DRY TIME

Re-coating or light foot traffic: Approximately 2-3 hrs at 70°F (20°C)
Heavy traffic or Cold temperatures: Approximately 12 hours
Dry-time is affected by temperature, wind and humidity.

WARRANTY

We warrant our products to be of good quality and will replace any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. The user shall determine the suitability of the product for the intended use and assume all risks and liability in connection therewith. Therefore, except for such replacement of product, Cornerstone Coatings makes no warranty or guarantee express or implied including warranties of fitness for a particular purpose or merchantability, respecting its products, and Cornerstone Coatings shall have no other liability with respect thereto. This warranty supersedes all other warranties express or implied.