

CORNERSTONE R20

WATERBASED ACRYLIC CURE AND SEAL

DESCRIPTION

Cornerstone R20 is a Thermoplastic All-Acrylic Polymer which is superior to the Copolymer Resins used in other cure and seal products. Cornerstone R20 resists yellowing, provides a durable, long lasting shine, and minimizes hair-checking, premature cracking, dusting and spalling.

FEATURES

Cure: Exceeds the requirements of ASTM C309
Abrasion: ASTM D65-44 225-350 g/mil
Moisture Retention: ASTM C156 - pass
VOC Compliant in all regions
Cures, Seals, Dustproofs
Contributes to LEED Credits
Only one coat required to meet ASTM C309
Goes on white and dries clear for easy coverage.
Dries quickly and ready for next day use
Non yellowing/UV Stable
Low Odor
Safe to Use
VOC'S: 70 grams/litre

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

Density: (25C), lbs/gal –8.4 lbs/gal
Safety Data: Non-Flammable
Recommended Coats: As a Cure - 1 Coat
As a Sealer – 2 Coats
Color: Milky White dries clear
Coverage: Approximately 200 sq.ft/gal
Cleaning Equipment: Water and Soap
Packaging: 3.78 Litre Pail (1 gallon)
18.9 Litre Pail (5 gallons)
205 Litre Drums (55 gallons)

STORAGE

Cornerstone R20 should be stored in tightly sealed original factory containers. DO NOT allow the product to Freeze. Shelf life of properly stored, unopened containers is 1 year.

APPLICATION

Mixing: Stir thoroughly prior to use. Do not use high speed mixing equipment. Do not thin or dilute. Apply at temperatures above 5 C or 41 F.

Placement: Apply Cornerstone R20 immediately after all the surface water has disappeared and the surface can be walked on without marring 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 sq. ft./gal 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 (20C)
Heavy traffic or Cold temperatures: Approximately 12 hours.
Drytime is affected by temperature, wind and humidity

SPECIFICATIONS

ASTM C309, Type 1, Class B
Meets Canada VOC Concentration Limits for Architectural Coatings.
Meets ASTM C1315
Abrasion Resistance Test ASTM D65-44 225–350 g/mil on glass – pass

***PERFORMANCE TESTING**

1 Hour Exposure Limit
Ketchup: Excellent (no effect)
Mustard: Excellent (no effect)
Coffee: Excellent (no effect)
Used Motor Oil: Excellent (no effect)
3% Trisodium Phosphate: Excellent (no effect)
10% Ammonia: Fair
10% Hydrochloric Acid: Poor
10% Brake Fluid: Poor

*2 coats at 200 square feet per gallon

CORNERSTONE R20 (continued)

LIMITATIONS

Do not apply this product when air, material, or surface temperatures are expected to fall below 40 F (4C) within 4 hours of completed application.

Do not apply concrete or mortar toppings over sealed surfaces.

May show rubber tire marks.

Avoid spraying Cornerstone R20 into joint prior to installation of sealant.

HEALTH AND SAFETY

Use with adequate ventilation.

Wear protective clothing, gloves and eye protection.

Keep out of reach of children.

Do Not take internally.

In case of ingestion, seek medical help immediately.

May cause skin irritation, especially prolonged or repeated contact. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.

If eye contact occurs, flush immediately with clean water and seek medical help as needed.

Dispose of waste material in accordance with federal, state and local requirements.

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 supercedes all other warranties express or implied.