



Roca 1315

Water-Based, Natural Finish, Anti-Blushing Cure & Seal

DESCRIPTION

Roca 1315 is a non-yellowing, water-based, fast drying compound containing acrylic polymers that offers outstanding curing, sealing, dustproofing, increased abrasion and chemical resistance for freshly finished concrete surfaces. On older concrete surfaces, **Roca 1315** will simultaneously seal and dustproof while extending service life and minimizing maintenance costs. **Roca 1315** differs from most acrylic emulsions in that it offers improved breathability and resistance to clouding and discoloration when used as a curing compound.

USES

Roca 1315 is ideal for curing and sealing concrete, masonry, stone, brick and stucco as an alternative to popular solvent based products. **Roca 1315's** anti-blushing formula makes it an excellent choice for curing concrete.

BENEFITS

- Contributes to LEED EQ Credit 4.2
- Water-Based: Low odor
- Anti-Blushing Performance
- Fast Drying
- Ultra-Violet Stable: Non-yellowing
- Natural Finish
- VOC Compliant: Meets stringent requirements
- Clean-up with water
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength compared to untreated concrete

STANDARDS

Roca 1315 meets and exceeds the requirements of ASTM C309 Type 1, Class A and B; AASHTO M148 as tested in accordance with ASTM C156 and AASHTO T155; ASTM C1315 Type 1, Class A.

SURFACE PREPARATION

When used as a curing compound, **Roca 1315** should be applied to freshly placed concrete as soon as the bleed (surface) water has dissipated. For formed applications, **Roca 1315** should be applied to concrete immediately upon the removal of formwork. For older concrete, surface must be structurally sound and free of all contaminants. A suitable concrete cleaner not harmful to concrete should be used as a degreaser and to remove rubber tire marks. Thoroughly rinse and allow surface to dry prior to application.

PHYSICAL PROPERTIES

Complies with VOC contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

VOC	65 g/L
Color	Milky White
Viscosity	80 CPS
Flash Point	Non-Flammable
Dry Time	2-3 hrs at 70°F (21°C)
Shelf Life	1 Year

COVERAGE

Actual rates may vary depending on type and porosity of the surface and application method. Recommended coverage is as follows:

Curing:	200–300 ft ² /gal
Sealing:	200–400 ft ² /gal
Second Coat:	400–600 ft ² /gal

MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

PLACING

Apply with a low pressure sprayer, brush or roller at required rate. Spray application is recommended. A hand held pump sprayer or an airless industrial sprayer is acceptable. Apply evenly without puddling. Do not interchange use of sprayer that has been used to spray a solvent based product. Application of a second coat after the first coat is required to meet ASTM C309 or C1315 requirements as a curing compound.

STORAGE

Protect from freezing. Store in an interior, cool, dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with warm, soapy water. After material has dried, it may be necessary to use solvents such as mineral spirits, toluene or xylene.



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LIMITATIONS

In addition to the limitations already mentioned, please note the following. If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the sealer before application. Although compatible with many carpet, tile and floor covering adhesives, a test area is recommended. Do not over apply or apply to the point of rejection. Over application may not dry completely and will be susceptible to marking. Do not apply if any moisture is expected within 24 hours after application. This includes, rain, snow and lawn watering equipment. Early exposure to moisture may cause discoloration. Do not apply when the temperature of the concrete is below 50°F (10°C). Do not mix with any other products. Do not pour unused material back into original container.

WARNING

May cause eye damage/irritation. May cause skin irritation. May cause respiratory irritation. Wear protective gloves and eye/face protection. Wash with plenty of water and soap thoroughly after handling. Avoid inhalation of vapors. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area.

FIRST AID

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: call a poison center or doctor/physician. If swallowed: contact a poison control center/doctor if you feel unwell. Rinse mouth. If on skin: wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice. Take off contaminated clothing and wash it before reuse.

MANUFACTURER/TECHNICAL SERVICE

Contact your US SPEC manufacturer's representative for the most current product information. Always read and follow the warnings and instructions on the most current technical data sheets, available online at www.usspec.com.

US MIX Co.
112 South Santa Fe Drive
Denver, CO 80223
Tel: 303.778.7227 Fax: 303.722.8426
Web Site: www.usspec.com

NOTICE OF LIMITED WARRANTY US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price. See product packaging for complete limitation of warranties and liability.