

Rocá System



Rocá Seal

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

DESCRIPTION

Rocá Seal 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, *Rocá Seal* will simultaneously seal and dustproof while extending service life and minimizing maintenance costs. *Rocá Seal* has been specially formulated for application on stamped, architectural and exposed aggregate concrete due to its natural, low-gloss finish. *Rocá Seal* differs from most acrylic emulsions in that it offers improved breathability and resistance to clouding and discoloration when used as a curing compound.

USES

Rocá Seal is ideal for curing and sealing concrete, masonry, stone, brick and stucco as an alternative to popular solvent based products. *Rocá Seal'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
- Consistent: Strict Quality Control testing and standards

STANDARDS

Rocá Seal meets and exceeds the requirements of ASTM C-309 Type I, Class A & B and AASHTO M-148 as tested in accordance with ASTM C-156 and AASHTO T-155 and ASTM C-1315 Type I, Class A. Meets OSHA recommended coefficient of friction values as tested under ASTM D-2047 utilizing the James Machine.

SURFACE PREPARATION

When used as a curing compound, *Rocá Seal* should be applied to the finished concrete one hour after the surface water has dissipated and the concrete is dry to the touch with no surface sheen. For older concrete, surface must be structurally sound and free of all contaminants. US SPEC **Maxi-Concrete Cleaner** 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 V.O.C. contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

V.O.C.	65* g/L
COLOR	Milky White
VISCOSITY	80 CPS
FLASH POINT	Non-Flammable
DRY-TIME	2-3 hrs @ 70°F (21°C)
SHELF LIFE	1 Year

COVERAGE

Actual rates may vary depending on type and porosity of the surface and application methods. Recommended coverage per gallon is as follows.

Curing:	200-300 ft ² /gal (4.9-7.2 m ² /L)
Sealing:	200-400 ft ² /gal (7.4-9.8 m ² /L)
Second Coat:	400-600 ft ² /gal (9.8-14.8 m ² /L)

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 C-309 requirements as a curing compound.

STORAGE

Protect from freezing. Store material 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.

Packaging: 1 gal (3.8 L) jug, 5 gal (18.9 L) pail, 55 gal (207.9 L) drum

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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 curing compound 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. Heavy applications 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.

REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

HMIS

Health 1, Fire 0, Reactivity 0

VOC Content

65 g/L

CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

TECHNICAL SERVICE

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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.

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