Polyseal™ RM-A Cure & Seal for Ready Mix Concrete

Hot Weather Bubble-Resistant Performance...

Specially Formulated for Ready Mix Concrete

Finally, an easy to use contractor grade cure & seal specially formulated for use on ready mix concrete and sold exclusively through ready mix concrete suppliers. Polyseal RM-A forms a durable, non-yellowing coating meeting the stringent ASTM C309 curing specifications for freshly placed ready mix concrete. It's easy to use and non-bubbling within a wide range of application temperatures.

Polyseal RM-A is suitable for use on both newly placed or existing ready mix concrete, and many surface finishes including broom, smooth, stamped, exposed aggregate, colored and stained. Apply as a single coat for full hydration and cure of new concrete or protection of existing concrete. An optional second coat may be applied to decorative concrete for enhanced aesthetic characteristics.

Polyseal RM-A is sold at the finest ready mix suppliers, including:

ChemMasters®

Polyseal™ RM-A Cure & Seal

DESCRIPTION

Polyseal RM-A is a specialized concrete curing and sealing compound formulated to have unique bubble resistant qualities in high temperature applications. This state of the art proprietary formulation resists bubble formation, stringing and cob webbing, with a lower viscosity to promote increased penetration, absorption and adhesion within concrete substrates. Polyseal RM-A is non-yellowing and creates a glossy finish that remains clear throughout its service life.

USES

- Cure or seal decorative concrete where superior curing efficiency, non-yellowing, and bubble resistance is required.
- Seal, harden, and dustproof existing concrete, particularly architectural or residential concrete exposed to freeze-thaw or UV.
- Enhance color and provide uniform appearance of dry shake hardened floors and stamped concrete.

ADVANTAGES

- Maximum resistance to bubble formation in high temperatures.
- Protects concrete surfaces against deicing chemicals, fertilizers, salts, grease, oil, alkalis, mild acids and detergents.
- Minimizes spalling due to freeze-thaw cycle exposure, hair line checking, premature cracking, dusting and other common defects which result from improperly cured concrete.
- Seals out most construction dirt and stains, and prevents mortar, plaster and concrete droppings from bonding to concrete surfaces.
- Increased penetration and adhesion.

TECHNICAL DATA

- ASTM C309,Type1,Class A & B, (upon request 1D & 2) *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*
- AASHTO M-148, Type 1 & 1D, Class A & B (upon request 1D & 2)
- Complies with National V.O.C. Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59 and lower VOC regulations @ < 350g/L
- USDA approved when cured for incidental food contact

Estimating Guide		
Condition	**ft²/gallon**	**m²/liter**
Curing	300 to 400	7 to 10
Sealing/dustproof	300 to 400	7 to 10
Optional 2nd coat	300 to 600	7 to 15

Note: Coverage rates vary with concrete condition. Increased absorptivity of Polyseal RM-A may require a second coat on porous substrates.

Physical Properties	
VOC content	< 350 grams/liter
Flash Point closed cup	1˚F (-17˚C)
ASTM C 156 Moisture retention	0.042 g/cm²
CRD-52-50 Abrasion Test	21.77 gram wt loss

Drying Time @ 70˚F (21˚C) with 50% Relative Humidity	
Dry Condition	**Time**
To Touch	1/2 hour
For Light Foot Traffic	8 hours
For Heavy Traffic	12 hours
Maximum Hardness	168 hours (7 days)

ChemMasters, Inc.
300 Edwards Street, Madison, OH 44057
Phone: 440-428-2105
Toll-Free: 800-486-7866
Fax: 440-428-7091
www.chemmasters.net
info@chemmasters.net

MADE IN USA

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We manufacture a complete line of specialty products to improve, repair, protect and beautify concrete and masonry. Contractors rely on our experience, knowledge & quality to help ensure success.

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