

Highway PolyAlpha Deck Cure

High solids white pigmented poly-alpha-methylstyrene curing compound

DESCRIPTION

Highway PolyAlpha Deck Cure is a high solids white pigmented poly-alpha-methylstyrene (AMS) concrete curing compound. When properly applied, Highway PolyAlpha Deck Cure forms a continuous membrane that controls curing for strong and durable concrete. The white pigment reflects the sun's rays to help keep the concrete surface cooler and to prevent excessive heat build-up. Highway PolyAlpha Deck Cure is only for application on exterior, horizontal surfaces such as highway and bridge paving applications when proper curing is required.

FEATURES/BENEFITS

- Reduces shrinkage; retains moisture to reduce "plastic shrinkage cracks"
- Improves durability; proper curing will increase the long life of concrete.
- Enhances performance; increases compressive strength and wear resistance
- Actual/Maximum V.O.C. Content = 345 g/l
- High reflectivity
- Provides positive curing for exterior concrete where wax-based cures are unacceptable

SPECIFICATIONS/COMPLIANCE

Meets ASTM C-309, Type II, Class A & B
AASHTO M-148, Type II, Class A & B

Formulated specifically for federal, state, county, and municipal highway and airport paving projects

ASTM C 1315 Type II, Class B
SCAQMD Rule 1113; FOR ROADWAYS AND BRIDGES ONLY (Not for use on curbs, gutters, sidewalks, islands, driveways and other misc. concrete areas)

DO NOT THIN

APPLICATION

Coverage: Ready to use. Do not dilute. Apply with a manual sprayer, power sprayer or paving train. Avoid puddles. Apply in accordance with recommended coverage rates.

Curing: 200 sq ft / gal

New Concrete: Highway PolyAlpha Deck Cure should be applied as soon as the surface water has disappeared and the concrete surface will not be marred by the walking applicator. At this point, apply in a uniform coat.

CLEAN UP

Tools and equipment should be flushed and cleaned with water immediately after use. Use Solvent 100 or a cleaning solvent for sprayers to remove cured or residual material

PACKAGING

275 gallon totes
55 gallon drums
5 gallon pails

STORAGE/SHELF LIFE

Shelf life of Highway PolyAlpha Deck Cure in the original tightly closed containers is one year from the date of manufacture. Do not allow the accumulation of water, dirt, or other contaminants. Avoid prolonged exposure to heat in excess of 100°F.

TYPICAL TEST DATA

Moisture Loss	
Applied at 200 ft ² /gal	0.345 kg/m ²
Test Requirement	0.55 kg/m ² max

Reflectivity	Greater than 60%
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LIMITATIONS/PRECAUTIONS

Do not allow to freeze. If freezing takes place, consult the manufacturer. Do not mix or contaminate with solvent, diesel fuel or other thinning agents.

Do not over agitate with compressed air or recirculating pump.

Keep out of reach of children. Do not take internally. Do not breathe vapors. Avoid prolonged contact with skin. If swallowed, do not induce vomiting - call physician. Wear rubber gloves, goggles, and protective clothing.

Do not use on concrete that is to accept a secondary topping without first consulting the manufacturer.

Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and technical literature. Please read all information prior to using the product.

Clean and thoroughly flush all equipment with warm water.

WARRANTY

NOTICE-READ CAREFULLY CONDITIONS OF SALE

The manufacturer offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of The manufacturer. No other representative of or for The manufacturer is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

The manufacturer warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, The manufacturer will replace the defective product with new product without charge to the purchaser. The manufacturer makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.



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