

RM ASPHALT EMULSION

PREMIUM MEMBRANE

Technical Data & Application Instructions

DESCRIPTION

RM ASPHALT EMULSION is a water-based, asphaltic bentonite clay emulsion waterproofing compound. It is ideal for use as a surface coating and as a primer for reflective acrylic coatings. The premium acrylic rubber increases the elongation of RM ASPHALT EMULSION, providing greater adhesion and low temperature flexibility. Once cured, it remains flexible to resist checking and cracking, and will not sag, flow or re-emulsify. Special unblown, soft asphalts help improve the weathering characteristics of RM ASPHALT EMULSION, as well as enhance its resistance to industrial pollutants, contaminants and corrosives.

BASIC USES

RM ASPHALT EMULSION may be used as a waterproofing compound for cold process, built-up roof systems utilizing polyester and/or fiberglass reinforcement. It can also be used as a surface protectant over smooth or mineral-surfaced roofs, as well as metal, masonry, stucco, parapet walls, curbs and base flashing. Its unique formulation allows the cured membrane to "breathe" without affecting its weather resistance.

Applicable Standards

- Meets ASTM D1227-Type 3

BENEFITS

- Water-Based
- Odorless
- No Asbestos
- Protects Against Thermal Shock and UV Rays
- Resists Checking And Cracking
- Dampproofs Concrete and Masonry Surfaces
- Safe and Easy To Use

NOMINAL COVERAGE

When asphalt emulsion is applied using spray equipment, apply at the rate of 3 gallons per 100 sq. ft. (1.2 l/m²). RM ASPHALT EMULSION may also be applied using a brush, roller, soft broom or squeegee at 3 gallons per 100 sq. ft. (1.2 l/m²) per coat. The application rate will vary depending on the surface conditions and desired cure time.

For Use Over The Following Roof Types

- ✓ Built-Up Roofing
- ✓ Concrete
- ✓ Metal
- ✓ Modified Bitumen

PHYSICAL PROPERTIES

Properties	Value
Total Solids	45 - 55%
Consistency	Brush or Spray
Flammability	Wet: Non-Combustible Dry: Self Extinguishing
Flexibility	32°F (0°C) No cracking or Flaking
Heat Resistance @ 212°F (100°C)	No Sag, Blistering or Slipping
Permeability	Breathable Film
Nominal Weight Per Gallon	8.5 lbs (3.9 kg) Total Solids

PACKAGING

RM ASPHALT EMULSION is a brown, viscous liquid packaged in 5-gallon (19 liter) pails or 55-gallon (209 liter) metal drums. Pallet quantities consist of: thirty-six 5-gallon (19 liter) pails or four 55-gallon (209 liter) drums.

SURFACE PREPARATION

All substrates must be clean, dry (may be slightly damp), and free from dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew or other contaminants that may interfere with proper adhesion. This may require scrubbing with a detergent solution to remove oils and other residues. Flush immediately using a strong stream of clean water. If rust is present on existing roofs, remove loose rust and spot prime with a corrosion-resistant primer. New metal should also be primed.

Mix **RM ASPHALT EMULSION** thoroughly prior to application. Rinse tools and equipment with water before using. **RM ASPHALT EMULSION** does not normally require thinning. For spray application, add up to 10% water to improve consistency, as desired. If water is added to the material, the application rate must be increased by the same percentage in order to ensure adequate film build.

APPLICATION

Apply **RM ASPHALT EMULSION** when the surface or air temperature is above 50°F (10°C). Do not apply if cold weather, rain and/or fog are expected within 24 hours of application.

RM ASPHALT EMULSION can be applied to dry or damp (not wet) surfaces using rollers, knotted brushes, squeegees or spray equipment. When **RM ASPHALT EMULSION** is applied using spray equipment, apply at the rate of 3 gallons per 100 sq. ft. (1.2 l/m²). If applying **RM ASPHALT EMULSION** using a brush, roller, soft broom or squeegee, apply at the rate of 3 gallons per 100 sq. ft. (1.2 l/m²) per coat. Application rate will depend upon the surface texture and porosity, and the desired cure time. When embedding polyester reinforcing fabric, broom or bush the fabric into the freshly applied **RM ASPHALT EMULSION** so that it is completely saturated, and free from wrinkles, folds and air pockets. Apply an additional surface coat of **RM ASPHALT EMULSION** to totally encapsulate the fabric. For specific installation details see appropriate application specification.

CURING GUIDELINES

RM ASPHALT EMULSION sets in approximately 90 hours. Cure time will vary depending upon wet film thickness, ambient temperatures and humidity. Allow additional dry time under cool temperature and/or high humidity conditions.

CLEANUP & DISPOSAL

RM ASPHALT EMULSION is water-based, allowing for ease of application and cleanup. To facilitate cleaning, material should be washed from hands and tools, and spills should be taken care of immediately following application, using soap and clean water. Dried **RM ASPHALT EMULSION** can be cleaned using paint thinner or kerosene. Dispose of waste in accordance with local, state and federal requirements.

LIMITATIONS

Store unused materials in original, sealed containers, in a cool, dry protected area. **DO NOT ALLOW COATING TO FREEZE**. Protect from damage during transit, handling, storage and installation.

Do not take internally. If swallowed, do not induce vomiting. Call physician immediately. Keep out of reach of children.

LIMITED WARRANTY

UNITED COATINGS warrants that, at the time of delivery, the product shall conform to UNITED COATINGS' product specifications. THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. It is the Purchaser's sole responsibility to determine the suitability of this product for any particular application.



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