

# KM #298

## Asphalt Emulsion Roof Coating

### Description

KM #298 is an asphaltic bentonite clay emulsion for use as a water proofing compound and surface coating. When cured, Product KM #298 resists checking and cracking. The dry film remains flexible and will not sag, flow or re-emulsify. Special unblown soft asphalts help improve the weathering characteristics of KM #298 as well as enhance resistance to industrial pollutants, contaminants and corrosives.

KM #298 may be used as a surface protectant or as a waterproofing compound using polyester and or fiberglass reinforcements. Applied as a roof protectant, KM #298's unique formulation allows the film to "breathe" while drying and is waterproof upon curing.

KM#298 is non-flammable and odorless, containing no aromatic hydrocarbons. Meets ASTM D1227 Type III and D1187. KM #298 is not DOT regulated.

KM#298 is water based and can be applied to most clean (dust and oil free) surfaces. It can be applied to dry or damp surfaces using rollers, knotted brushes, squeegees or spray equipment. If you need assistance with the application of this product or need assistance with choosing equipment for the proper application of KM #298, call KM Coatings.

### Uses

- A uniform weathering surface for smooth or mineral surfaced composition built-up roofing.
- A waterproofing compound for cold process, built-up roof systems utilizing polyester and or fiberglass reinforcements.
- A protective surface for metal roofing, masonry, stucco, parapet walls, curbs and base flashings.
- A corrosion resistant surface for most exterior metal surfaces.
- A damp proofing compound for below grade walls.
- A base coat for KM Coatings topcoat products.

### Warranty

KM Coatings manufactures a variety of fluid-applied materials to suit various project needs and offers extended manufacturer's warranties to its Approved Applicator network. Warranty type, Terms and Conditions, as well as coverages, will depend on product(s) utilized and project circumstances under which materials are used. Unless otherwise provided for as part of an extended manufacturer's warranty, Product Liability is strictly limited to manufacturing defects for a period of one year.

### Typical Physical Properties (ASTM D1227 and ASTM D1187)

1. **Volume Solids (%)** 45-50
2. **Weight / Gal (lb)** 8.2-8.7
3. **Consistency** Brush or Spray
4. **Weatherability** Superior
5. **Flammability** Wet film non-combustible
6. **Flame Spread** Dry film self extinguishing
7. **Flexibility @ 32°F** No cracking or flaking
8. **Heat Resist @ 212°F** No sag, blistering or slipping
9. **Permeability** (varies with thickness) 0.0-2.0
10. **Application Temperature** Minimum 50°F
11. **Drying Time** (70°F @ 50% relative humidity) 12 hours firm set

### Packaging

5GA pail



### Application Instructions

#### Surface Preparation:

Surface must be dry or damp and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion. Repair cracks, breaks, open seams, and other roof imperfections with a heavy sealer such as KM Acrylicalk, Brush-It Acrylicalk, KM 1213 or KM #298 and polyester fabric. Where possible clean surface with water under pressure.

Metal surfaces must be clean and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint. New metal should be primed with proper primer (consult KM Coatings for proper primer). If rust is present, remove rust and scale then prime with Rust Primer (consult KM Coatings for proper primer for your application).

#### Application:

KM #298 should be mixed thoroughly before using. When using spray equipment, apply to dry or damp (not wet) surface at the rate of 3 to 6 gallon per 100 sq. ft. or as specified. KM #298 may be applied with brush, roller, soft broom or squeegee at 3 gallons per 100 sq. ft. per coat. For best results apply 2 coats, with the second coat at right angles to the first. When reinforcing with polyester fabric, broom or brush fabric into freshly applied, wet KM #298 and apply surface coat of Product KM #298. KM #298 may be coated after it has thoroughly dried.

KM #298 normally requires no thinning. For spray application up to 10% water may be added to improve consistency. When water is added, increase total application amount by the same percentage.

Wet material and all tools and equipment may be cleaned with water. Rinse tools and equipment with water before using. Clean dry material with WCP-2000 Safety Solvent, paint thinner or mineral spirits.

### Precautions

Do not apply KM #298 when surface or air temperature is below 50° F, or if cold weather, rain or fog is expected within forty-eight hours of application. KM #298 cures through dehydration. Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

READ AND FOLLOW DIRECTIONS CAREFULLY. REFER TO SDS FOR PROPER HANDLING.

STORE CONTAINERS IN COOL, DRY, PROTECTED AREA. KEEP FROM FREEZING. KEEP LIDS TIGHTLY CLOSED WHEN NOT IN USE.

### KM Coatings

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Refer to SDS for specific data and handling of our products.

All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not KM Coatings, is responsible for determining the suitability and compatibility of our products for the user's intended use.