

Description

KM 1213 is a premium-grade white elastomeric mastic with StretchSpan Technology™ (SST). This technology makes this product extremely pliable. KM 1213 cures to form a seamless flexible, waterproof membrane which will expand and contract with the movement of the roof surface. Designed for use at various flashing and detail conditions when installing KM Coatings elastomeric roof coating systems. KM 1213 offers excellent adhesion, flexibility, high tensile strength and resistance to ultra violet degradation and is stable with no migration of plasticizers and oils that can migrate and inhibit adhesion and product performance.

Uses

Suitable for use as a mastic grade sealant for flashings and miscellaneous details on various roof surfaces and substrates.

Can be applied over various conventional BUR, modified bitumen, metal, wood, spray polyurethane foam and concrete materials.

Recommended for seal joints, seams, through-roof penetrations and fastener heads.

Packaging

2GA pail

5GA pail



Typical Physical Properties

1. **Accelerated Weathering @ 1000 hr (pass/fail)** PASS, ASTM D4798
2. **Solar Reflectance (%) 80 CRRC-1 Fungi Resistance (pass/fail)** PASS, ASTM G21
3. **Elongation (%)** 200 (±50), ASTM D2370
4. **Tensile Strength (psi)** 300 (±50), ASTM D2370
5. **Flexibility @ 15°F mandrel (pass/fail)** PASS, ASTM D522B
6. **Viscosity (cP)** >125,000, Brookfield® 4d/5 RPM/77°F
7. **Weight/gal (lb)** 10 (±.5), ASTM D2939
8. **Weight Solids (%)** >60, ASTM D1644
9. **Volume Solids (%)** >50, ASTM D2697
10. **VOC (gm/L)** <50, Calculated
11. **Flash Point (°F)** >212, PMCC
12. **Coverage Rate (gal/100 sq ft)** 8
13. **Shelf Life (months)** 18

Application Instructions

Surface Preparation:

All surfaces to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit adhesion.

Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminations.

Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of newly installed products.

Repair any visible deficiencies such as splitting, blistering and buckling.

Visually inspect all flashings, edges, drains, valleys and through roof penetrations and repair as needed by project conditions.

KM 1213

Acrylic Premium Elastomeric Sealant with StretchSpan Technology™

Application:

Stir all products well prior to application.

Apply at 1/8" (125 mil) up to 1/4" (250 mil) thick uniform application using a brush, trowel, putty knife or bulk sealant gun (Albion® DL-45-01 or equivalent).

Apply to all laps, cracks or breaks in the surface extending a minimum of 2 inches on each side.

Curing time will vary due to wet film thickness, ambient temperature, humidity and other climatic conditions. For best results allow the product to dry overnight before the application of subsequent materials.

Apply only when ambient temperatures are 50°F and rising. Cold weather could result in uneven application and improper curing of the product.

Do not apply if inclement weather is expected within 24 hours of application.

Do not thin product.

Do not apply at temperatures greater than 120°F

Prior to using this product on new cap sheets (smooth or granulated); it is recommended to wait 30 days for weathering. Newly applied KM #298 Asphalt Emulsion can typically be coated once emulsion has cured, usually 5 to 7 days depending on weather and rate of emulsion application.

Personal Protection

Irritation may result from prolonged or repeated contact with skin.

Wear chemical resistant gloves, protective goggles and protective clothing, if needed.

Eye Contact — Rinse immediately with clean water for 15 minutes and seek medical advice.

Waste Disposal — Empty containers must be disposed of in accordance with local, state and federal regulations.

For Professional Use Only — Keep out of the reach of children.

Storage and Cleaning

Product shelf life: Typically 18 months from date of manufacture when properly stored.

Do not store at temperatures greater than 120°F.

Store 24 hours at room temperature prior to application.

Observe normal safeguards for storing and handling of this product prior to and during application.

Do not allow product to freeze. Discard if any degree of freezing would occur.

Keep containers covered when not in use.

Clean equipment and overspray with water.

Clean hands with waterless hand cleaner.

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.

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.