

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.