

KM Acryl 60 Foam Coat

100% Acrylic Elastomeric Roof Coating

DESCRIPTION

KM Acryl 60 Foam Coat is a 100% Acrylic Elastomeric Roof Coating with an average of 60% solids, specially developed for application over Sprayed Polyurethane Foam (SPUF) roof systems. Designed specifically to meet, or exceed, the physical property requirements of ASTM D6083 Types I and II. Formulated for superior adhesion over foam employing a highly flexible acrylic polymer for superior thermal expansion and contraction capabilities typical of roofing foam surfaces.

USES

KM Acryl 60 Foam Coat is designed to protect and seal sprayed polyurethane foam (SPUF) roof systems and can be used as either a base or surface coating.

TYPICAL PHYSICAL PROPERTIES (ASTM D6083)

Viscosity (cP)	28,000 – 58,000	ASTM D2196
Volume Solids (%)	60 ±2	ASTM D2697
Weight Solids (%)	71 ±2	ASTM D1644
Elongation (%)	250 ±25	ASTM D2370
Tensile Strength (psi)	225 ±25	ASTM D2370
Permeance (perms)	12 ±2	ASTM D1653
Water Swell (%)	9 ±1	ASTM D471
Tear Resistance (lbf/in)	75 ±5	ASTM D624
Accelerated Weathering (1,000 hrs)	PASS (no cracking; no checking)	ASTM D4798
Adhesion (pli)	PASS (12 approved substrates)	ASTM C794
Fungi resistance (rating)	0 (PASS)	ASTM G21
Low Temp Flexibility after 1000 hours weathering (1/2" mandrel at -26°C)	PASS	ASTM D522
Weight per Gal (lb)	12.25 ±.25	ASTM D2939
VOC:	< 50 gm/L	

CODES AND STANDARDS

- Meets or exceeds the requirements of ASTM D6083 Type I and II Standard Specification for Liquid Applied Acrylic Coating Used in Roofing.
- UL Classified - File #R20755
- ICC ESR-4942
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements (white only)
- CRRC listed (white only)
- Florida Building Code




PACKAGING

55GA drum, 250GA tote

STANDARD COLORS

White and Grey

 <p>CRRC COOL ROOF RATING COUNCIL RAPID RATINGS</p>	Rated Product ID #: 0754-0018	
	Smooth	Rough
Solar Reflectance	Initial / Aged 0.87 / 0.75*	Initial / Aged Not Rated
Thermal Emittance	0.91 / 0.90*	Not Rated
<p>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</p> <p>*CRRC Rapid Ratings: Interim laboratory-aged values that simulate naturally-aged values and will be replaced by the measured three-year naturally-aged values upon completion of the weathering process.</p>		

Solar Reflectance Index (SRI) – Initial: 110 • Aged: 93*



For most current product data and warranty information, visit: www.kmcoatings.us

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APPLICATION INSTRUCTIONS

SURFACE PREPARATION:

New or existing spray foam surface to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products. Metal flashings which display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminants. Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of performance of newly installed products. Repair any visible deficiencies such as splitting, blistering, and buckling. Visually inspect all metal and non-metal flashings, edges, drains, valleys and through-roof penetrations and repair using KM 1213 Acrylic Premium Elastomeric Sealant as required by project conditions.

APPLICATION:

Mix well prior to application.

KM Acryl 60 Foam Coat may be applied by high pressure spray, roller or brush application methods. Apply KM Acryl 60 Foam Coat at 24 wet mils (1.5 gallons per 100 square feet) per coat. Typical application conditions require KM Acryl 60 Foam Coat be applied in two coats at 24 wet mils per coat. Allow coating to dry overnight prior to applying second coat. To minimize potential voids or pinholes in coating application, apply second coat perpendicular to the first. Apply only when ambient temperatures are 50°F and rising. Cold weather could result in uneven application and improper curing of product. Do not apply if there is a threat of inclement weather within 24 hours of application. Do not thin product. Do not heat outside of container. Do not apply at temperatures greater than 120°F.

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 over-spray 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.

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

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.

