

FOAMGUARD™ 100% Acrylic Elastomeric Coating

Technical Data & Application Instructions

Product Description & Use

FOAMGUARD is an acrylic elastomer water-based coating designed and formulated to protect newly sprayed-in-place polyurethane foam roofs. This high solids acrylic elastomer waterproofing possesses superior durability, weatherability, and ultraviolet resistance. **FOAMGUARD** has also proven effective for recoating over existing polyurethane foam roofing as well as other previously coated roofing substrates. Consult a KM technical representative for proper surface preparation requirements.

FOAMGUARD is available in standard gray, white and tan colors. Custom colors available only upon samples and color chips being approved by KM Coatings Mfg., Inc.

KM Coatings Mfg., Inc. provides no cost 5, 10, and 15 year warranties through approved applicators only. Refer to separate warranty literature for more specific warranty coverage. Also, refer to application instructions for minimum dry film thickness requirements on above mentioned warranties.

Packaging and Mixing

FOAMGUARD is a single component material available in 5 gallon pails, 55 gallon drums and 220 gallon totes. Thoroughly mix all containers a minimum of 5 minutes prior to the application of the material utilizing a 3" diameter mixing blade for 5 gallon pails and a 6" diameter mixing blade for 55 gallon drums.

Product Properties (ASTM D6083 Test Methods)

Solids by weight: (D1644)	69%
Solids by volume: (D2697)	60%
Elongation at break: (D2370)	185%
Tensile Strength: (D2370)	350 psi
Reflectivity:	85%
VOC's:	.664 lb./gal (79.6 g/l)
Resistance to ponding water:	3.1mg/24hr/25cm ²

Precautions & Limitations

FOAMGUARD should not be applied when the roof surface is below 40°F (5°C), or when there is a possibility of temperatures falling below freezing. Cool temperatures and high humidity will retard the cure of the **FOAMGUARD**. Caution should be taken to not apply the product if weather conditions will not allow a complete cure before rain, dew, or freezing temperatures. Refer to MSDS for additional health & safety precautions prior to use. Always store material in a temperature controlled environment and out of direct sunlight ensuring that product is not exposed to temperature extremes.