



838 COATINGS

12800 State Hwy 13, STE 400
Savage, MN 55378

PRODUCT INFORMATION SHEET

838 Supreme™ Elastomeric Roof Coating

DESCRIPTION

838 Supreme™ is an extremely tough Kraton based elastomeric roof coating. This white, highly reflective coating exceeds ENERGY STAR® roof coating requirements. 838 Supreme™ is a “Cool Coating” that helps reduce interior building temperatures by lowering the surface temperature of the roof. Additionally, it is incredibly water resistant, demonstrating 0% swelling after being submerged for 168 hrs (ASTM D-471). In addition to high reflectivity, 838 Supreme™ exhibits excellent adhesion and as a solvent based coating, it can be applied in cold weather situations as low as 20°F. After application and curing, the coating forms a membrane with outstanding tensile and elongation properties. This membrane protects the roofing substrate from moisture and the sun's harmful UV light providing excellent weathering resistance.

USES

838 Supreme™ is designed to protect and adhere to a variety of roofing substrates

including: metal, EPDM, PVC, spray polyurethane foam (SPF), wood and concrete. It may be applied by brush, roller or airless sprayer. Substrate must not pond water and be free of ice, snow and all types of debris prior to application. Do not apply if air temperature is below 20°F or substrate temperature is above 120°F.

ADVANTAGES

- Highly Reflective and designed to reduce roof substrate temperatures
- 0% Water Swelling (20mil film, 73 °F, 168 hrs in water ASTM D-471)
- Tough Physical Properties - high tensile strength and excellent elongation
- Warranted – 10 year material warranty
- Available in 5-gallon, 55-gallon and totes
- Available in white and gray (ie as a base coat)

NOTES: For application questions, please call 763-972-9441. See MSDS for additional product information.

838 Supreme™ Technical Data

Application Rate	1.0 to 3.0 gallons per 100ft ² depending on substrate – See system specifications
Application Temperature	20°F to 120°F (air and substrate)
Application Method	Airless spray, roller or brush
Drying Time (75°F and 50% RH)	Approximately 24 hrs (at a rate of 1.5 gallons per 100ft ²)
Total Solids by weight/volume	>65% / >50%
Weight per Gallon	12.1 lbs
Viscosity (75°F)	16,000 ± 3,000 cps
Elongation / Tensile Strength	> 850% / > 500 psi
Water Permeability	4.3 perms
Water Swelling (20 mil film, 73°F, 168 hrs)	0.0%