



PLATINUM +PLUS

WHITE ELASTOMERIC COATING

DESCRIPTION

THERMOTEK™ PLATINUM PLUS is a water-based elastomeric acrylic roof-coating with high volume solids offering a high quality 100% acrylic resin. Low in VOC, non-flammable and with a high elongation percentage, THERMOTEK™ PLATINUM PLUS is a single component coating that exhibits tremendous adhesion to the substrate providing a total roof coating system

PROPERTIES:

Physical Property	Test Method (ASTM)	Value
VOC Content	ASTM D-3960	<50 g/L
Appearance	INTERNAL	LIQUID
Type	INTERNAL	Water based product
Color	INTERNAL	White
Solar Reflectance	ASTM C-1549	0.88
Solar Reflectance Index	CRRC	111
Thermal Emittance	ASTM C-1371	0.9
Solids by volume, %	ASTM D-1644	50,0 ± 1
Solids by weight, %	ASTM D-1644	65
Elongation, %	ASTM D-412	200 min
Dying time for water resistance	ASTM D-1640	8 Hour *Required time will increase depending on humidity
Total Dryingtime	ASTM D-1640	12 Hours
Fungus Resistance	ASTM G-21	APPROVED
Tensile Strength, lb/in2 (Mpa)	ASTM D-412	200 MIN

APPLICATION TOOLS

Brush, Roller, Conventional or Airless Spray (2000-3000 PSI-.041 Type Size, 1-3GPM)

PREPARATION

Surface to be coated must be clean, dry and free of any oil, grease or dirt. Pressure washing is recommended. Any existing coating must be checked for good adhesion. Any loosely adhered coating must be removed by mechanical means such as wire brushing, sand blasting or scraping.

SURFACE PREPARATION

Surfaces must be prepared, cleaned and checked for compatibility. If some areas hold excessive ponding water they must be brought into conformance by installing proper drains. New asphalt shall be exposed to ambient conditions for 90 to 120 days before coating. Deteriorated or corroded metal shall be replaced. Rusted areas shall be mechanically abraded to remove rust and then primed with THERMOTEK™ Primer. Perform a coating adhesion test on different sections of the roof before doing the entire job. Refer to our application specifications for detailed installation instructions.

APPLICATION

Its excellent adhesion allows the application over various substrates including: Asphalt Built-up, Modified Bitumen Membrane (over this substrates need especial primer system), concrete, metal, single ply and polyurethane Foam.

CLEAN UP

This system requires cleaning every twelve months using detergent (such as TSP or TSP substitute) and water only. Clean application tools and equipment with clean water. DO NOT USE SOLVENTS.

CURING TIME

12 to 24 Hours *Required time will increase depending on humidity

STORAGE

Store container in cool, dry, protected areas, and keep from freezing. Keep container tightly closed when not in use.

SHELF LIFE

Maximum storage is two years.

PACKING


50 gallons (575.5 lbs.)
275 gallons (3165.25lbs)





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APPROVALS AND CERTIFICATIONS

	Solar Reflectance	Initial 0.88	Weathered 0.76
	Thermal Emittance	0.90	0.87
	Rated Product ID Number	0009	
	Licensed Seller ID Number	0734	
	Classification	Production Line	

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.
Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.



⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
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 MN 55379 USA • Customer Service 1 (800) 433-9517 Technical Service
 • 1 (800) 243-6739 • www.thermotekgroup.com

We as THERMOTEK GROUP guarantee that since our products are shipped from the production plant they will be free of manufacturing defects; all the recommendations contained herein follow tests we consider as reliable and are subject to change without prior notice. THERMOTEK GROUP does not assume any responsibility for coverage, performance on injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement, to the terms stated within the executed warranty. TDS V5 - 2016.05.

