



# GOLD +PLUS

## WHITE ELASTOMERIC COATING

### DESCRIPTION

is a high volume solids roof coating manufactured with a high quality styrene - acrylic resin. THERMOTEK™ Gold PLUS is a single component coating that exhibits tremendous adhesion to the substrate while providing for film build for a total roof coating system.

THERMOTEK™ Gold PLUS gives the following benefits: Reflects up to 88% of sun's head and U.V., Lower roof and interior temperatures, Prolongs roof life, reduces air conditioning costs.

### PROPERTIES:

Physical Property	Test Method (ASTM)	Value
VOC Content	ASTM D-3960	<50 g/L
Viscosity, cps	ASTM D-2196	100 KU's
Density gr/ml (lb/gal)	ASTM D-1475	11,51 ± 0.1
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	49,0 ± 1
Solids by weight, %	ASTM D-1644	63
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
Tensile Strength, lb/in2 (Mpa)	ASTM D-412	200 MIN

### 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 TOOLS

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

### 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


5.0 gallons (55 lbs)  
275 gallons (3165.25lbs)





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## APPROVALS AND CERTIFICATIONS

 <b>RATED PRODUCT</b>		<b>Initial</b>	<b>Weathered</b>
	<b>Solar Reflectance</b>	0.88	0.80
	<b>Thermal Emittance</b>	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](http://www.P65Warnings.ca.gov)**  
 BASF Corporation Construction Systems • 889 Valley Park Drive Shakopee, MN 55379 USA • Customer Service 1 (800) 433-9517 Technical Service • 1 (800) 243-6739 • [www.thermotekgroup.com](http://www.thermotekgroup.com)

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