



# BASE COAT (CA)



## DESCRIPTION

THERMOTEK® USA BASE COAT Due to its application versatility it can be top coated with a wide variety of finish coats. Its fast dry properties and weather resistant characteristics.

## PROPERTIES:

Physical Property	Test Method (ASTM)	Value
VOC Content	ASTM D-3960	<50 g/L
Viscosity, cps	ASTM D-2196	100 min, KUS
Density gr/ml (lb/gal)	ASTM D-1475	1.36 +/- 0.02 (11.4 +/- 0.5)
Appearance	INTERNAL	LIQUID
Type	INTERNAL	Water based product
Color	INTERNAL	Gray
Solids by volume, %	ASTM D-1644	40.0 min
Solids by weight, %	ASTM D-1644	53.0 min
Elongation, %	ASTM D-412	50.0 min
Dying time for water resistance	ASTM D-1640	12 hours *Required time will increase depending on humidity
Total Dryingtime	ASTM D-1640	24 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

THERMOTEK® USA BASE COAT Its excellent adhesion allows the application over various substrates including: Asphalt Built-up, Modified Bitumen Membrane, 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

4.7 gallons (54.1 lbs)





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## APPROVALS AND CERTIFICATIONS

**⚠ 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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