



SILICONE PRIMER



DESCRIPTION

THERMOTEK™ SILICONE PRIMER is a high quality single component moisture cure silicone-based primer with excellent adherence to porous and non-porous surfaces. It is resistant to stain and blister, and well exhibits excellent alkali resistance over masonry surfaces as well to corrosion resistance over metal.

PROPERTIES:

Physical Property	Test Method (ASTM)	Value
Viscosity, cps	ASTM D-2196	MIN 1000
Density gr/ml (lb/gal)	ASTM D-1475	1.26 +/- 0.02 (10.46 +/- 0.5)
Solids by volume, %	ASTM D-1644	78 +/- 2
Solids by weight, %	ASTM D-1644	65 +/- 2
Appearance	INTERNAL	Paste - like
Type	INTERNAL	100% SILICONE PRIMER
Color	INTERNAL	BEIGE
Elongation, %	ASTM D-412	< 100
Dying time for water resistance	ASTM D-1640	1 TO 4 HOURS*
Total Dryingtime	ASTM D-1640	8 TO 24 HOURS*
Tensile Strength, lb/in2 (Mpa)	ASTM D-412	< 200 (1.38)
Accelerated weathering	ASTM G151 & G-154	NO DELETERIOUS EFFECTS AFTER 5,000 HOURS
Low Temperature Flexibility (14.8 F, 9.6 C)	ASTM D-522	APPROVED
Water Permeability, perms	ASTM E-96	> 10

PREPARATION

Prior installation, surface must be clean and free of any contaminant that may interfere with proper adhesion. For application in extreme temperatures (below freezing point or above 120°F (49°C)), contact THERMOTEK Technical Support; for cold weather application, keep material stored above 65°F (18°C).

SURFACE PREPARATION

Roof or wall surface must be clean, dry and free of any oil, grease, dirt and any other contaminants that may interfere the proper adhesion (pressure washing is recommended). Rusted areas shall be mechanically abraded and deteriorated metal shall be replaced.

Any loosely adhered coating must be removed; bare surfaces must be prepared and checked for compatibility. Follow our roof repair procedures and ALWAYS perform a coating adhesion test before doing the entire roof.

APPLICATION TOOLS

THERMOTEK™ SILICONE PRIMER can be applied by brush, squeegee, ¾" nap woven roller, and with a proper high-pressure commercial spray equipment.

APPLICATION

THERMOTEK™ X99 SILICONE PRIMER is an ideal product for use as a priming porous and non-porous surfaces, to help to improve the adhesion of diferents substrates.

- METAL
- WOOD
- POLYURETHANE SPRAYED FOAM
- FPR
- MODIFIED BITUMEN MEMBRANES (GRANULATED FINISH) (previous blocking of yellowing)
- ACRYLIC ROOF COATINGS
- RIGID FOAM INSULATION
- XPS (RIGIS EXTRUDED POLYSTYRENE
- ASPHALT BUILT-UP SURFACES (previous blocking of yellowing)
- CONCRETE
- STUCCO
- MORTARS

CLEAN UP

This silicone system requires cleaning every three months using detergent (such as TSP or TSP substitute) and water only. Clean application tools and equipment with 100% Pure Mineral Spirit. DO NOT USE WATER OR RECLAIMED SOLVENTS.

CURING TIME

THERMOTEK SILICONE PRIMER need to dry at a temperature equal to or greater than 55°F (13°C) a minimum of 8 hours and no more to 72 hrs (or until it can be safe to walk on).





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STORAGE

Store the container at a temperature below 75°F (24°C), keep it closed in cool, dry, protected areas, away from freezing.

SHELF LIFE

These products can be stored for a period of 1 year from its manufacture.

APPROVALS AND CERTIFICATIONS

- NATIONAL ROOFING CONTRACTORS ASSOCIATION (MEMBER)

PACKING

5 Gallon bucket

⚠ WARNING: Cancer and Reproductive Harm - 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

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.

