

TECHNICAL DATA SHEET

THERMOTЕК™

PRIMER

PROFESSIONAL GRADE
ELASTOMERIC ROOF COATING
COMPLEMENT

DESCRIPTION

THERMOTЕК™ PRIMER is a water-based high quality styrene-acrylic resin with excellent substrate adherence. It is resistant to stains and blisters, and exhibits excellent alkali resistance over masonry surfaces as well as corrosion resistance over metal. Designed to prime any surface to be coated with any paint or coatings system, but is particularly effective under the THERMOTЕК™ roofing systems.

PROPERTIES

Physical Property	Test Method	Result
Appearance	INTERNAL	LIQUID
Type	INTERNAL	MID-LEVEL VISCOSITY PRIMER
Color	INTERNAL	MILKY WHITE
pH	ASTM E-70 97	9,0 ± 0,5
Solids by weight, %	ASTM D-1644	38 +/- 2
Solids by volume, %	ASTM D-2697	37 +/- 2
Viscosity, CPS	ASTM D-2196	20-500
Density gr/ml (lb/gal)	ASTM D-1640	1.017 +/- 0.02 (8.5 +/- 0.5)

SURFACE PREPARATION

For coating, the surface must be clean and dry, this means to be free of any: oil, grease, dirt, water, ponding conditions and/or debris (pressure washing is recommended). Prior application, the surface must be prepared and verified for compatibility. Any existing coating must be checked for good adhesion (i.e. if there is any loosely adhered coating, it must be mechanically removed by wire brushing, sand blasting or scraping). If some areas hold excessive ponding water, they must be brought into conformance by installing proper drains. New asphalt shall be exposed to environmental conditions between 90 to 120 days before coating. Rusted areas shall be mechanically abraded to remove rust and then primed with THERMOTЕК™ RUST PRIMER (deteriorated or corroded metal shall be replaced). Perform a coating adhesion test on different sections of the roof before doing the entire job.

APPLICATION TOOLS

THERMOTЕК™ PRIMER can be applied by brush, long nap roller, conventional or airless spray.

APPLICATION METHOD

Prepare and clean the surface, then stir material if consistency is not uniform, dilute or apply directly to the surface with the application tools previously referred above (no thinning is needed). *NOTE: for detailed installation see the application guide.*

CAUTION

THERMOTЕК™ PRIMER should not be installed over cold storage tanks or buildings where a vapor barrier is required. THERMOTЕК™ PRIMER will freeze at temperatures below 32°F (0°C), or when there is a possibility of temperatures falling below 32°F (0°C) within a 24-hour period after application. Cool temperatures and humid weather retard the cure which requires a complete evaporation of water. Do not apply if weather conditions as rain, dew, fog and/or freezing temperatures will not permit the complete cure. THERMOTЕК™ PRIMER should never be exposed to ponding conditions. For better energy savings it should be cleaned yearly. NOTE: for proper handling refer to MSDS. For specific information on safety requirements refer to OSHA guidelines.

PACKAGING

5-gal bucket, 55-gal drum and 275-gal tote.

STORAGE

This product should be stored closed in a cool and dry place, preferably roofing. The storage temperature should be greater than 41 ° F (5 ° C) and below to 113 ° F (45 ° C). Shelf maximum storage is two years.



ELASTOMERIC COMPLEMENT

USAGE

THERMOTЕК™ PRIMER is used to prime and seal concrete, metal, wood, and sprayed polyurethane foam and other substrates.

ADVANTAGES

THERMOTЕК™ PRIMER:

- Adheres to dry or slightly damp surfaces.
- Is easy to apply.
- Provides excellent corrosion protection.
- Is durable and environmentally friendly.

COVERAGE

Depending on the substrate, THERMOTЕК™ PRIMER can be diluted at a ratio of 1 part Concentrated Primer to 3 parts tap water:

- Diluted THERMOTЕК™ PRIMER, coverage rate = 3000 to 4500 ft²/bucket.
- Undiluted THERMOTЕК™ PRIMER, coverage rate = 1000 to 1500 ft²/bucket.

APPROVALS AND CERTIFICATIONS



We as THERMOTЕК 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. THERMOTЕК 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.

CONTACT US

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