

TECHNICAL DATA SHEET

THERMOTEK™ METAL PRIMER

PROFESSIONAL GRADE
ELASTOMERIC ROOF COATING
COMPLEMENT

DESCRIPTION

THERMOTEK™ METAL PRIMER is an iron oxide, zinc rich, and durable acrylic primer designed to seal and prime metal surfaces.

PROPERTIES

Physical Property	Test Method	Result
Appearance	INTERNAL	LIQUID
Type	INTERNAL	MILD RUST PRIMER
Color	INTERNAL	LIGHT BROWN
pH	ASTM E-70 97	9,0 ± 0,5
Solids by weight, %	ASTM D-1644	37 +/- 2
Solids by volume, %	ASTM D-2697	30 +/- 2
Viscosity, KUS	ASTM D 562	≤ 95
Density gr/ml (lb/gal)	ASTM D-1640	1.16 +/- 0.02 (9.67 +/- 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 mechanical removed by wire brushing, sand blasting or scraping).

APPLICATION TOOLS

THERMOTEK™ METAL PRIMER can be applied by using: airless spray (½ g.p.m., capacity with a #517 tip), synthetic bristle brush or a short nap roller.

APPLICATION METHOD

Prepare and clean the surface, if the surface presents rust and corrosion treat it with a rust inhibitor. Stir the material if consistency of THERMOTEK™ METAL PRIMER is not uniform. Apply THERMOTEK™ METAL PRIMER with the application tools previously referred (no thinning is needed). Top coating with THERMOTEK™ Roof Coatings is required. *NOTE: for detailed installation see the application guide.*

CAUTION

THERMOTEK™ METAL PRIMER should not be installed over cold storage tanks or buildings where a vapor barrier is required. THERMOTEK™ METAL 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. THERMOTEK™ METAL 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.

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

The THERMOTEK™ METAL PRIMER is engineered to prime and seal any metal surface to be coated with a THERMOTEK™ coating system.

ADVANTAGES

- THERMOTEK™ METAL PRIMER:
- Forms a tough, adhesive, chemical resistant, durable film.
 - Possess excellent adhesion to metal substrates.
 - Has a quick drying time.
 - Is easy to use and to clean up.
 - Is non-toxic and VOC compliant water based coating.

COVERAGE

Depending on the substrate, THERMOTEK™ METAL PRIMER can be used at the rate for:

- Light rust: 150 – 200 ft²/ gallon.
- Nud Mild Rust: 100 – 150 ft²/ gallon.

APPROVALS AND CERTIFICATIONS



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 V6 – 2016.05.

CONTACT US

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