

TECHNICAL DATA SHEET

THERMOTEK™ FIBER MASTIC

PROFESSIONAL GRADE
ELASTOMERIC ROOF COATING
COMPLEMENT

DESCRIPTION

THERMOTEK™ FIBER MASTIC is an acrylic elastomeric mastic, manufactured with acrylic resins, selected mineral charges, and special synthetic fibers which give this product its special features of adherence and elasticity at application.

PROPERTIES

Physical Property	Test Method	Result
Appearance	INTERNAL	PASTE-LIKE TEXTURE
Type	INTERNAL	ELASTOMERIC ACRYLIC SEALER
Color	INTERNAL	WHITE
Solids by weight, %	ASTM D-1644	68.6 ± 2,0
Viscosity,	ASTM D-2196	265-295
Density, (gr/ml)	ASTM D-1475	1,48 ± 0,03
Drying time for water resistance	ASTM D-1640	3 HOURS
Total drying time	ASTM D-1640	7 DAYS
Fungus resistance	ASTM-G21	APPROVED
Accelerated weathering	ASTM D-G53	NO DELETERIOUS EFFECTS AFTER 2,000 HOURS

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, if there is any loosely adhered coating this must be mechanically removed. 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 THERMOTEK™ METAL PRIMER (deteriorated metal shall be replaced). Perform a coating adhesion test on different sections of the roof before doing the entire job.

APPLICATION TOOLS

THERMOTEK™ FIBER MASTIC can be applied by caulking gun, brush, trowel and putty knife.

APPLICATION METHOD

The surface must be clean. Any primers that are going to be applied should be applied prior to application. For installation, apply sufficient quantity of THERMOTEK™ FIBER MASTIC to completely seal the seam or crack being treated. On vertical roof seams (metal roof decks), it should be applied with a brush or flat trowel. For crack repairs in concrete, apply THERMOTEK™ FIBER MASTIC in multiple coats. Do not apply in cracks larger than 1.0 cm (.40 in) thick and 0.6 cm (.25 in) deep.

NOTE: Refer to our application guide for detailed instructions.

CAUTION

THERMOTEK™ FIBER MASTIC should not be installed over cold storage tanks or buildings where a vapor barrier is required. Do not apply at temperatures below 50 °F (10 °C) or greater than 113 °F (45 °C). THERMOTEK™ FIBER MASTIC will freeze at temperatures below 32 °F (0 °C). 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™ FIBER MASTIC 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.*

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 113 ° F (45 ° C). Shelf maximum storage is two years.



ELASTOMERIC COMPLEMENT

USAGE

THERMOTEK™ FIBER MASTIC forms a durable seal used to fill joints and cracks in different materials used in construction. It is Excellent for sealing joints domes, pipes, bases of water tanks, unions of air conditioning ducts, and critical points of the surface to be coated.

ADVANTAGES

THERMOTEK™ FIBER MASTIC:

- Is environmentally friendly, non flammable.
- Maintains its adhesion and elasticity for a long time, indoors or outdoors.
- Has excellent resistance to weathering.
- Resists moderate movements of expansion and contraction.

PACKAGING

5-gal bucket.

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 V2 - 2016.05.

CONTACT US

1 800 542 2334

| contact@grupothermotek.com

| www.thermotekgroup.com