

**Description**

**TIC 1010 Vinyl Mastic** is an emulsion type of coating product for finishing process, which has excellent resistance to chemical and any outdoor circumstances especially to severe weather conditions, has been generally used to Insulation.

**TIC 1010 Vinyl Mastic** is water based tough and durable Mastic to form flexible film on the Insulation after drying and not affect by changes of temperature and can be used to both indoor and outdoor Insulation effectively.

**TIC 1010 Vinyl Mastic** is fire-resistive Mastic, which does not contain any harmful materials to Human body so this mastic can be used to area where the using of chemical is prohibited with its excellent workability.

**TIC 1010 Vinyl Mastic** contains no asbestos, lead, mercury or mercury compounds.

**Properties**

Property	Specification	Test method
Color	Gray	TSTM-01
Application	Trowel or glove	TSTM-06
Density	1.20 ~ 1.25 Kg/ℓ	ASTM D 1475
Volume non-volatile	50 ± 1 %	ASTM D 1644
Weight non-volatile	53 ± 1 %	ASTM D 1644
Coverage	7.2 Kg/m <sup>2</sup> (6.0 ℓ/m <sup>2</sup> ) Dried film thickness: 3.0 mm	TSTM-07
Drying time	Set to touch: 60 ~ 90 minutes Dry through: 12 ~24 hours	ASTM D 1640
Service temperature limits	(Temperature at coated surface) -30 °C ~ 93 °C (-22 °F ~ 200 °F)	TSTM-04
Water vapour permeance	≤ 3.0 perms (DFT 3.0 mm)	ASTM E 96
Wet flammability	≥ 100 °C (212 °F)	ASTM D 3278

**Limitations**

Store and apply between 4 °C (40 °F) and 38 °C (100 °F). Protect from freezing until dry.

To resist rain-wash off, allow at least 12 ~ 24 hours drying time above 16 °C (61 °F), with a relative humidity of 50 %. Higher humidity or lower temperatures may retard drying.

**Application**

**Material Preparation**

DO NOT THIN. Apply only to clean, dry, oil free surfaces. Keep container closed when not in use. Cement coats must be dry. This product cannot successfully applied by brush or spray.

**Application**

- 1. Outdoor and Heavy Duty Service** - (To prevent water infiltration, properly flash all penetrations.) Prime dusty insulation or porous cements use with asphalt primer.
- 2. Trowel** - Apply evenly with a minimum of overworking of material. It can be used with rubber glove on small radius pipes and vessels.

**Clean-up**

Clean equipment with clean fresh water before mastic dries, followed by mineral spirits (flammable) or chlorinated solvent (nonflammable). Use mineral spirits or chlorinated solvent after mastic dries.

**Note**

**Important:** We make no other warranties and expressly disclaim any warranties of merchantability or fitness for a particular purpose. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. Our acceptance of any orders for the product is expressly conditional upon purchaser's assent to the terms on the applicable invoice.

**Adequate Tests:** The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be perform by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

**TIC CORPORATION**

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*Rev 3.1*