

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 ² (6.0 ℓ/m ²) 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 vapor 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.

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 be applied successfully 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 performed by you to determine if this product meets all of your requirements. The shelf life can be affected by storage and handling conditions. When products are stored in the original unopened container in an enclosed area and protected from contamination, moisture and extreme temperatures, the warranted shelf life is twelve months from the date of shipment to the original purchaser.