TIC CORPORATION
Thermal Insulation Chemicals

Product Data Sheet	TIC 2035/36	Weather Barrier Mastic

Description

TIC 2035/36 Weather Barrier Mastic is a high solid water base general-purpose mastic having excellent trowel or glove properties. Weather Barrier Mastic is used for the protection of thermal insulation and hard, dry cement coats, both indoors and outdoors.

TIC 2035/36 Weather Barrier Mastic is a fire-resistive and features ease of application, non-flammability, non-toxicity, mild odor, range of colors, insulation compatibility, good package stability, plus excellent outdoor durability.

TIC 2035/36 Weather Barrier Mastic contains no asbestos, lead, mercury or mercury compounds.

TIC 2035/36 Weather Barrier Mastic is an elastomeric polymer water based.

Properties

Property	Specification	Test method
Color	TIC 2035 White / TIC 2036 Gray	TSTM-01
Application	Trowel or glove	TSTM-06
Density	1.34 ± 0.05 Kg/ℓ	ASTM D 1475
Volume non-volatile	65 ± 1 %	ASTM D 1644
Weight non-volatile	75 ± 1 %	ASTM D 1644
Coverage	6.18 Kg/m^2 (4.62 ℓ/m^2) Dried film thickness: 3.0 mm	TSTM-07
Drying time	Set to touch: 3 hours Dry through: 16 hours	ASTM D 1640
Service temerature limits	(Temperature at coated surface) -40 ℃ ~ 121 ℃ (-40 ℉ ~ 250 ℉)	TSTM-04
Water vapour permeance	≤ 1.0 perms (DFT 1.6 mm)	ASTM E 96
Wet flammability	≥ 100 ℃ (212 ℉)	ASTM D 3278
Surface burning characteristics	Classification: CLASS A Flame spread: 15 (0~25) Smoke developed: 45 (0~450) Surface: Applied over fiber reinforced cement board at a coverage rate of 25 sq.ft/gal (0.61 m^2/ℓ)	ASTM E 84

Limitations

Store and apply between 4 ℃ (40 ℉) and 38 ℃ (100 ℉), protect from freezing until dry.

To resist rain-wash off, allow at least 16 hours drying time above 4 ℃ (40 ℉), with a relative humidity of 50 %. Higher humidity at lower temperatures may retard drying.

Always select **TIC 2035/36 Weather Barrier Mastic** for use over polystyrene insulation installed outdoors.

Select **TIC 2030/31 Weather Barrier Coating** for brush or spray application.

TIC CORPORATION
Thermal Insulation Chemicals

Application	TIC 2035/36	Weather Barrier Mastic

Application

Material Preparation

DO NOT THIN. TIC 2035/36 Weather Barrier Mastic will appear to be thick, but this is a "false" consistency, which "breaks down" readily on application. Stirring is not necessary. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use.

Application

1. **Trowel -** Use clean steel trowel. Apply in full thickness promptly. Avoid excessive trowel.
2. **Glove -** Use a good glove, making strokes as long as possible over the surface. Apply with full glove and spread out evenly. Do not overwork. Multiple coats needed to achieve the minimum dry film thickness.

Clean-up

Use fresh water to clean brushes and equipment before product dries. For remove the dry product use hot soapy water(with ammonia added) or solvents such as chlorinated solvent (non-flammable) or xylene (flammable).

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 twelve months from date of shipment to the original purchaser.

Rev 3.2