

**Product Data Sheet      TIC 4060      HS Vapour Barrier Coating**

**Description**

**TIC 4060 HS Vapour Barrier Coating** has a flexibility, low odor, fire resistance, high solids content, and it is good for vapour barrier finish for most types of rigid thermal insulation, except polystyrene.

**TIC 4060 HS Vapour Barrier Coating** is good for both indoor and outdoor use on commercial type applications. It is a solvent based coating and designed for use on pipes, vessels, ducts and equipment operating below ambient temperatures.

**TIC 4060 HS Vapour Barrier Coating** can be used for vapour sealing ASJ, FRK, and FSK jackets and board facings at joints, laps, and over staple and weld pin punctures. It shows good adhesion to these jacketing materials when used as a protective coating.

**TIC 4060 HS Vapour Barrier Coating** contains no asbestos, lead, mercury, or mercury compounds.

**Properties**

Property	Specification	Test method
Color	White	TSTM-01
Application	Brush, spray or glove	TSTM-06
Density	1.18 ± 0.05 Kg/ℓ (9.85 lbs/gal)	ASTM D 1475
Volume non-volatile	45 ± 1 %	ASTM D 1644
Weight non-volatile	58 ± 1 %	ASTM D 1644
Coverage	2.62 Kg/m <sup>2</sup> (2.22 ℓ/m <sup>2</sup> ) Dried film thickness: 1 mm	TSTM-07
Drying time	Set to touch: 8 hours Dry through: 24 hours	ASTM D 1640
Service temperature limits	(Temperature at coated surface) -18 °C ~ 82 °C (0 °F ~ 179 °F)	TSTM-04
Water vapour permeance	≤ 0.05 perms (DFT 0.9 mm)	ASTM E 96
Wet flammability	≥ 38 °C (100 °F)	ASTM D 3278
Surface burning characteristics	Classification: CLASS A Flame spread: 20 (0~25) Smoke developed: 10 (0~450) Surface: Applied over fiber reinforced cement board at a coverage rate of 50 sq.ft/gal (1.2 m <sup>2</sup> /ℓ)	ASTM E 84

**Limitations**

Store and apply between 4 °C (40 °F) and 38 °C (100 °F).

Be careful with freezing material until dry.

For best results, select TIC 7030 for insulation joint sealing under HS Vapour Barrier Coating.

The solvent odor in this product may take several days to vanish. When working in occupied or confined areas, the use of TIC 2010 or 2015, water based products, recommended.

After long term exposure outside, TIC 4060 may have chance to change color.

**Application**

**Material Preparation**

DO NOT THIN, Stir well. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use to prevent solvent evaporation.

**Application**

1. **Brush/Glove** - Use a good brush uniformly coat of TIC 4060 HS Vapour Barrier Coating at 0.6 m<sup>2</sup>/ℓ (wet film thickness: 1.6 mm), making strokes as long as possible over the surface. In glove application, wet the glove with mineral spirits (flammable) occasionally to improve slip and give a smooth appearance to the work.
2. **Spray** - TIC 4060 HS Vapour Barrier Coating may be airless spray applied. For spray equipment information, please contact your airless spray equipment supplier. Average viscosity range is 90,000 - 110,000 cps.

**Clean-up**

Use chlorinated solvent (non-flammable) or mineral spirits (flammable) for cleaning brushes and equipment.

**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 warranted shelf life of our products is twelve months from date of shipment to the original purchaser.

**TIC CORPORATION**

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