

**Product Data Sheet                      TIC 2060                      PVA Adhesive/Coating**

**Description**

**TIC 2060 PVA Adhesive/Coating** is water based polyvinyl acetate emulsion adhesive with typical quick-setting properties, used extensively for adhering and sizing canvas and glass cloths, and other types of fabric covering over thermal insulation installed indoors. It presents a neat white cleanable finish, and will not change color with age. Cotton fabrics shrink tight and smooth onto the insulation.

**TIC 2060 PVA Adhesive/Coating** is good to use brush application which will result in better coverage and uniformly coated surfaces.

**TIC 2060 PVA Adhesive/Coating** contains no asbestos, lead, mercury, or mercury compounds.

**Properties**

Property	Specification	Test method
Color	White	TSTM-01
Application	Brush, spray or dip	TSTM-06
Density	1.20 ± 0.05 Kg/ℓ (10.0 lbs/gal)	ASTM D 1475
Volume non-volatile	34 ± 1 %	ASTM D 1644
Weight non-volatile	45 ± 1 %	ASTM D 1644
Coverage	1.80 Kg/m <sup>2</sup> (1.50 ℓ/m <sup>2</sup> ) Dried film thickness: 0.51 mm	TSTM-07
Drying time	Set to touch: 2 hours Dry through: 15 hours	ASTM D 1640
Bonding time	0 ~ 10 minutes	TSTM-17
Service temperature limits	(Temperature at coated surface) -40 °C ~ 93 °C (-40 °F ~ 200 °F)	TSTM-04
Water vapour permeance	≤ 2.0 perms (DFT 0.5 mm)	ASTM E 96
Wet flammability	≥ 100 °C (212 °F)	ASTM D 3278
Surface burning characteristics	Classification: CLASS A Flame spread: 10 (0~25) Smoke developed: 5 (0~450) Surface: Applied over fiber reinforced cement board at a coverage rate of 40 sq. ft/gal (1.0 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.

Always test foil and paper facings for acceptable adhesion before using.

**Application**

**MATERIAL PREPARATION**

DO NOT THIN. Apply only to clean, dry, oil free surfaces. Keep container closed when not in use.

**Application**

- Apply a tack coat of TIC 2060 PVA Adhesive/Coating at 2.0 ~ 2.2 m<sup>2</sup>/ℓ (wet film thickness: 0.51 ~ 0.46 mm).
- Immediately imbed the selected lagging fabric into the wet adhesive. Smooth to avoid wrinkles and overlap seams by at least 5 cm.
- Immediately apply a sizing coat of TIC 2060 PVA Adhesive/Coating at 2.0 ~ 2.2 m<sup>2</sup>/ℓ (wet film thickness: 0.51 ~ 0.46 mm). The dry film thickness of this application will vary with the fabric selected.

1. **Brush** - Use clean paint brushes. Apply a full coat in uniform thickness.
2. **Dip** - On long runs or large surface areas, lagging fabric may be dipped to achieve greater speed and labor economy. Lagging cloths and tapes if dipped must be applied to the insulation while lagging adhesive is still wet.
3. **Spray** - TIC 2060 PVA Adhesive/Coating may be spray applied using conventional air atomized or airless spray equipment. For spray equipment information, please consult Airless Spray Recommendations or contact your spray equipment supplier. Average viscosity range is 25,000 - 35,000 cps. Corrosion resistant pumps and fittings are suggested.

**Clean-up**

Use clean fresh water for cleaning equipment before product dry. After product dry use solvent for clean-up 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 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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