

**Description**

**TIC 6096 Epoxy Primer** is a low-density epoxy product consists of main liquid and hardener, which can be mixed in equal condition and has excellent resistance to temperature and durability.

**TIC 6096 Epoxy Primer** strengthens surface adhesion and maintains tightness of concrete and porous wood by painted over surface.

**TIC 6096 Epoxy Primer** is ideal product as primer in cryogenic insulation system and can be used for any materials as adhesive and coating.

**TIC 6096 Epoxy Primer** contains no asbestos, lead, mercury, or mercury compounds.

**Properties**

Property	Specification	Test method
Color	Clear-yellow (part A, paste)/ Clear-blue (part B, paste) / Clear -green (mixed)	TSTM-01
Application	Brush or airless spray	TSTM-06
Density	Part A - 1.00 ± 0.05 Kg/ℓ Part B - 1.00 ± 0.05 Kg/ℓ Mixed (A&B) - 1.00 ± 0.05 Kg/ℓ	ASTM D 1475
Volume non-volatile	65 ± 1 % (mixed)	ASTM D 1644
Weight non-volatile	70 ± 1 % (mixed)	ASTM D 1644
Coverage	1.23 Kg/m <sup>2</sup> (1.23 ℓ/m <sup>2</sup> ) Dried film thickness: 0.8 mm	TSTM-07
Mixing ratio	Weight - part A : part B = 1 : 1 Volume - part A : part B = 1 : 1	TSTM-16
Pot life	60 ~90 minutes(25±2°C, 50±2% RH)	TSTM-09
Drying / curing time	Set to touch: 2 hours Dry through: 4 hours Curing time: 24 hours Maximum strength: 48 hours	ASTM D 1640
Service temperature limits	(Temperature at coated surface) -196 °C ~ 121 °C (-321 °F ~ 250 °F)	TSTM-04

**Limitations**

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

Always test plastic and painted materials for compatibility then using a solvent base product. Make certain this product is completely dry and the area free from solvent odor if food is involved.

## Application

## TIC 6096

## Epoxy Primer

### Application

#### Material Preparation

Stir well, DO NOT THIN. Not need to prime aluminum or galvanized metal. Apply only to clean, dry, dust-free surface. Keep container closed when not in use to prevent solvent evaporation. Do not use pumps or equipment that has aluminum parts in contact with the adhesive.

#### Application

Apply by trowel to clean dry surfaces only. Metal surfaces should be solvent cleaned and allowed to dry.

Apply at 20 °C to 25 °C (68 °F to 77 °F) ambient temperature. At temperatures above 25 °C (77 °F), the pot life will be less than 60 minutes. To prolong pot life at high temperatures, TIC 6096 Epoxy Primer should spread out as much as possible immediately after mixing.

#### Clean-up

Before adhesive cures, clean tools and equipment with chlorinated solvent (non-flammable) or mineral spirits (flammable). Dried TIC 6096 Epoxy Primer is extremely difficult to remove.

### 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 six months from date of shipment to the original purchaser.

#### **TIC CORPORATION**

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