

**Description**

**TIC 6095N Noise Mastic** is soundproof coating material of double-fluid reaction hardening type which uses epoxy resin and NBR denaturant resin as basic materials.

**TIC 6095N Noise Mastic** is applicable to the surfaces that require noise damping can form a film excellent in transmission loss characteristic, durability, air tightness, adhesiveness and flexibility.

**TIC 6095N Noise Mastic** is usable for piping, for ducts, compressors, pumps, flanges and valves in the petrochemical field, or to other irregular surfaces, can provide an effective sound insulation.

**TIC 6095N Noise Mastic** contains no asbestos, lead, mercury, or mercury compounds.

**Properties**

Property	Specification	Test method
Color	White (part A, paste)/ Black (part B, paste) / Gray (mixed)	TSTM-01
Application	Trowel or spatula	TSTM-06
Density	Part A - 2.05 ± 0.05 Kg/ℓ Part B - 2.10 ± 0.05 Kg/ℓ Mixed (A&B) - 2.07 ± 0.05 Kg/ℓ	ASTM D 1475
Volume non-volatile	99 ± 1 % (mixed)	ASTM D 1644
Weight non-volatile	99 ± 1 % (mixed)	ASTM D 1644
Coverage	6.27 Kg/m <sup>2</sup> (3.03 ℓ/m <sup>2</sup> ) Dried film thickness: 3.0 mm	TSTM-07
Mixing ratio	Weight - part A : part B = 1 : 1	TSTM-16
Pot life	50 ~ 70 minutes(25±2°C, 50±2% RH)	TSTM-09
Drying / curing time	Set to touch: 2 hours Dry through: 10 hours Curing time: 24 hours Maximum strength: 48 hours	ASTM D 1640
Service temperature limits	(Temperature at coated surface) -57 °C ~ 200 °C (-71°F ~ 392°F)	TSTM-04
Bonding strength	≥ 5 MPa (Metal – Metal) ≥ 5 MPa (Aluminum – Aluminum)	ISO 4587
Tensile strength / Elongation	≥ 5 MPa ≥ 50 %	ASTM D 412

**Limitations**

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

Proper operational temperature is about 20 °C ~ 25 °C (68 °F ~ 77 °F) and surface of adhesion should be well dried.

**Application**

**Material Preparation**

Stir well, DO NOT THIN. Not need to prime aluminum or galvanized metal. Apply only to clean, dry, dust-free surface.

**Application**

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

- 1. Application Temperature** - 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 50 ~ 70 minutes. To prolong pot life at high temperatures, TIC 6095N Noise Mastic should spread out as much as possible immediately after mixing. Apply the mix in the specified thickness (3.0 mm) using a trowel or a spatula.
- 2. Trowel** - Use a good trowel (suitable for chlorinated solvents), making strokes as long as possible. Do not overwork.

**Clean-up**

Before adhesive cures, clean tools and equipment with chlorinated solvent (non-flammable) or mineral spirits (flammable). Dried TIC 6095N Noise Mastic 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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