

**Description**

**TIC 9020 Insulating Mortar** is insulation material used as joints, and has low shrinkage and excellent constructability and adhesion.

**TIC 9020 Insulating Mortar** is used the place where general mortar would be difficult to apply, and covers up to 600 °C.

**TIC 9020 Insulating Mortar** is suitable for a pipe finish in offshore plant, vessel, and power plant etc. with its excellent adhesion.

**Properties**

Property	Specification	Test method
Color	Gray	TSTM-01
Application	Trowel	TSTM-06
Density	1.95 ± 0.05Kg/ℓ	ASTM D 1475
Weight non-volatile	80 ± 1 %	ASTM D 1644
Coverage	27.86 Kg/m <sup>2</sup> Dried film thickness: 10 mm	TSTM-07
Drying time	Set to touch: 10 ~ 20 minutes Dry through: 24 hours	ASTM D 1640
Service temperature limits	(Temperature at coated surface) 0 °C ~ 600 °C (32 °F ~ 1112 °F)	TSTM-04
Bonding strength	≥ 2.5 MPa	ISO 4587

**Limitations**

Store and apply between 4 °C (40 °F) and 38 °C (100 °F), protect from freezing until dry.  
Do not apply it below 0 °C (32 °F).

## Application

## TIC 9020

## Insulating Mortar

### Application

#### Material Preparation

DO NOT THIN. Surface areas where TIC 9020 Insulating Mortar is to be installed must be reasonably clean. Dust, scale and dirt should be removed with a wire brush and oil and grease films may be removed with solvent. Protective coatings and mill varnish may be removed with a suitable stripper.

#### Application

Apply TIC 9020 Insulating Mortar evenly on the surface to make same thickness with clean steel trowel and sufficient thickness on completely dry substrate. Do not trowel excessive amount of cement.

#### Clean-up

TIC 9020 Insulating Mortar can be cleaned by hot water before drying.

### 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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