

Description

TIC 9010C Insulating Cement is water-based product composed of mineral fibers, perlite, and other inorganic compounds, which can protect insulation materials from corrosion.

TIC 9010C Insulating Cement helps Mastics and Coatings to well painted on surface of all exposed and concealed heads of vessels and heat exchanger and all fittings of pipeline and use to make irregular surface of insulation materials evenly and smoothly.

TIC 9010C Insulating Cement contains no asbestos, lead, mercury or mercury compounds.

TIC 9010C Insulating Cement meets ASTM C 449 requirements.

Properties

Property	Specification	Test method
Color	Gray	TSTM-01
Application	Trowel	TSTM-06
Density	0.65 ± 0.05Kg/ℓ	ASTM D 1475
Volume non-volatile	65 ± 1 %	ASTM D 1644
Weight non-volatile	70 ± 1 %	ASTM D 1644
Coverage	15.00 Kg/m ² Dried film thickness: 15 mm	TSTM-07
Drying time	Set to touch: 2 hours Dry through: 72 hours	ASTM D 1640
Service temperature limits	(Temperature at coated surface) 4 °C ~ 650 °C (40 °F ~ 1202 °F)	TSTM-04

Limitations

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

Do not apply it below 0 °C (32 °F).

Application

TIC 9010C

Insulating Cement

Application

Material Preparation

Mixed it with adequate water and stir well. Do not use sticks or boards, which would splinter or otherwise contaminate the product. Apply only to clean, dry surfaces that are free from dust, dirt, and oil. Keep container closed when not in use.

Application

Apply TIC 9010C Insulating Cement evenly on the surface to make same thickness with clean steel trowel and sufficient thickness on completely dry substrate. Do not trowel over work. When install Tank Roof, install reinforced material (recommended sus mesh for anti-corrosion) after first coated and then do final coat. Coated surface must be protected from climate environment.

Clean-up

TIC 9010C Insulating Cement 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 perform 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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Rev 3.1