



Thermal Insulation Chemicals

TIC CORPORATION

Product Data Sheet

TIC 9010

Insulating Sealant

Description

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

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

TIC 9010 Insulating Cement meets ASTM C 449 requirements.

Properties

| Property | Specification | Test method |
|----------------------------|--|-------------|
| Color | Black | TSTM-01 |
| Application | Trowel | TSTM-06 |
| Density | 0.60± 0.05 kg/ℓ | ASTM D 1475 |
| Coverage | 15 kg/m ² (25 ℓ/m ²) Dried film thickness: 25 mm | TSTM-07 |
| 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). Keep away from water and moisture during storage.

Do not apply it below 0 °C (32 °F).



Thermal Insulation Chemicals

TIC CORPORATION

Application Guide TIC 9010 Insulating Sealant

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 9010 Insulating Cement 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. 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 9010 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 shelf life can be affected by storage and handling conditions. When products are stored in the original unopened container in an enclosed area and protected from contamination, moisture and extreme temperatures, the warranted shelf life is twelve months from the date of shipment to the original purchaser.