

Aluminium Metal Sealant

DESCRIPTION

TIKI F9555 is Fire Resistive Aluminium Metal Sealant. **TIKI F9555** is a one component, butyl based, non-skinning sealant used as a vapor barrier sealant in the joints of cellular glass, polyisocyanurate (PIR), urethane and phenolic foam board stock insulations.

USES

- It is used to seal laps of metal jacketing / cladding located near fire critical areas and prevent ingress of moisture through laps.
- It is used as weatherproof flashing at protrusions such as ventilation pipes, ducting supports etc., through insulated areas.

ADVANTAGES

- It has excellent adhesion with almost all types of metal surfaces.
- On metal clad pipework, it eliminates the need for fabrications at bends, elbows, junctions, etc.
- It is suitable for use in aggressive marine environments, both offshore and on-shore.
- On drying, the sealant forms a bright reflective Aluminium finish.
- It has exceptional outdoor durability in extremes of weather condition.
- It contains no hazardous compounds of lead and mercury.

PROPERTIES

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|-----------------------------------|----------------------------------|
| DENSITY (ASTM D 1475) | ≥ 1.40 Kg./Ltr. |
| NON-VOLATILE (ASTM D 2369) | ≥93% by volume ≥94% by weight |

SERVICE TEMPERATURE LIMITS (TSTM 10)

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|----------------------------|---|
| PIR / URETHANE FOAM | -165°C to 95°C |
| CELLULAR GLASS | -110°C to 95°C (Temperature at coated surface) |

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| PERMEABILITY (ASTM E 96 PROCEDURE A) | 0.00 perm-in |
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SURFACE PREPARATION

The surface to be treated should be thoroughly cleaned to remove loose dust, foreign particles, oil and other contaminants.

APPLICATION INSTRUCTIONS

Do not use **TIKI F9555** with Poly Styrene Foam.

When flashing metal protrusions through insulation, apply a coat of **TIKI F9555** @ 1.60 l/m² covering 50mm along the protrusion and 50mm around the penetration.

Embed Fiber Glass Reinforcement into wet film. Smooth membrane to avoid wrinkles and overlap all seams at least 5 cm. Allow minimum 24 hours for first coat to dry.

Apply a second coat of **TIKI F9555** @ 1.60 l/m² overlapping the first coat by 25mm.

Allow minimum 24 hours after application of second coat, before putting the installation in to operation.

When sealing laps of metal jacketing, apply @ 1.60 to 3.20 l/m². Ensure that the she sealant is applied within and not over the lap joint.

COLOR

Gray

APPLICATION CONSISTENCY

Applied by Trowel/Putty Knife

COVERAGE RANGE (TSTM 20) BY TROWEL

0.30 to 0.65 m²/l
@ 3.2 mm to 1.6 mm w.f.t

DRYING TIME (ASTM D 1640)

Non Skinning

CLEAN-UP

Use suitable solvent for cleaning equipment and tools used for applying **TIKI F9555**.

STORAGE

TIKI F9555 must be stored under covered shed and protected from extremes of temperature, heat, spark, flame and sources of ignition. Keep container closed when not in use.

SHELF LIFE

Shelf life is 12 months when stored in original sealed condition. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

SAFETY PRECAUTIONS

As with all Products used in Insulation, care should be taken during use and storage of **TIKI F9555** to avoid contact with eyes, mouth, skin and foodstuffs until product is fully cured or dried.

Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from direct sources of heat, spark, flame, and children. Reseal containers after use. Do not smoke during use. Do not reuse containers for storage of consumable items.

Disclaimer: TIKI TAR INDUSTRIES Warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. While TIKI TAR endeavors to ensure that information given herein is correct to the best of our knowledge it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

We recommend that adequate tests be performed by you to determine if this product meets all of your requirements.

Note: Properties subject to change as per specific requirement.

Rev 1125

Website: www.tikiinsulation.com

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ISO 17025: 2017

ISO 9001: 2015