



No. #12-0410

TIKI P8133

Quick Setting Fire Resistive Adhesive

DESCRIPTION

TIKI P8133 is fast setting fire resistive adhesive.

USES

- It is used as superior adhesive for bonding thermal insulation to structural and equipment surfaces.
- It is used as good sealing compound for joints and seams of insulation on cold-water piping and equipment.
- It can be used without mechanical fastening for marine hull insulation.
- It is the preferred adhesive for use with rigid polyurethane insulation.

ADVANTAGES

- Its fast setting nature makes it suitable for bonding insulation to variety of substrates including iron, steel, aluminium, and most thermal insulations.
- Bonds of polyurethane to itself made with **TIKI P8133** are stronger than the base insulation.
- Secure, durable bonding with substrate.
- It withstands continuous surface temperatures up to 150°C and can withstand temperature above 145°C for intermittent intervals with good results.
- It has excellent resistance to water and high humidity conditions.
- It contains no hazardous compounds of lead, and mercury

PROPERTIES

DENSITY (ASTM D 1475)	≥ 1.58 Kg./Ltr.
NON-VOLATILE (ASTM D 2369)	≥ 66% by volume ≥ 80% by weight
SERVICE TEMPERATURE LIMITS (TSTM 10)	-60°C to 155°C (Temperature at coated surface)
WET FLAMMABILITY FLASH POINT (ASTM D 3278)	≥ 43°C
SURFACE BURNING CHARACTERISTIC (ASTM E-84) (Class A)	
FLAME SPREAD INDEX	10
SMOKE DEVELOPED INDEX	30

SURFACE PREPARATION

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

APPLICATION INSTRUCTION

Prime Galvanized surfaces with **TIKI PRIMER** and allowed to dry.

For Attachment Adhesive Applications:

Apply with notched trowel @ 1.0 m²/l

For Joint Sealant / Adhesive Applications:

Apply with smooth trowel @ 0.60 m²/l

Application Using Square Notch Trowel:

Remove paper disc and any skin on surface of adhesive in container.

Use clean steel trowel with square teeth of approximate 3mm wide, 3mm deep and 3mm apart for trowelling adhesive.

Trowel adhesive on substrate with firm pressure leaving ridges of adhesive.

Press insulation firmly onto adhesive surface to assure complete and uniform contact, twisting the insulation section slightly to break any skin that may have formed on the adhesive surface.

On rough or porous surfaces, a thicker application of adhesive will be required in order to assure contact between the insulation and the substrate.

COLOUR

Black / Off White / Cream

APPLICATION CONSISTENCY

Applied by Trowel

COVERAGE RANGE (TSTM 20)

0.60 to 1.0 m²/l @ 1.6 to 1.0 mm w.f.t

BOND DEVELOPMENT @ 30°C (TSTM 30)

< 10 minutes

CLEAN-UP

Use suitable solvent for cleaning equipment and tools used for applying **TIKI P8133**.

STORAGE

TIKI P8133 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 P8133** 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 flames, sources of ignition, sparks, children and animals. Do not smoke during use. Reseal containers after use. Do not reuse container 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.

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Website: www.tikiinsulation.com

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ISO 9001: 2015