



No. #12-0434

TIKI K8560

Quick-Tack Adhesive

DESCRIPTION

TIKI K8560 is non-flammable, solvent free, quick setting, high tack, water based, fire resistive adhesive based on synthetic elastomer emulsion, for bonding low-density duct liner (up to 48 Kg./m³), duct wrap and fibrous glass insulations to duct surfaces.

USES

- It is used to bond fibrous glass insulation to painted or unpainted steel, galvanised or aluminium surfaces including other surfaces, which includes concrete, block works, masonry and other in building construction.
- It is used to bond low density duct liner and duct wrap to painted or unpainted steel, galvanised or aluminium surfaces.
- It can be applied as a contact bond adhesive, applied to both surfaces in areas where water entrapment may be a problem such as polystyrene to metal.

ADVANTAGES

- Bond development with **TIKI K8560** actually gets stronger as it ages.
- It is suitable for application on both metal and insulation surfaces.
- It provides excellent coverage and is an economical material to use.
- It is non-flammable in wet state and is fire resistive when dry.
- Water based - contains no harmful solvents that will attack insulations.
- It contains no hazardous compounds of lead and mercury.

PROPERTIES

DENSITY (ASTM D 1475)	> 1.15 Kg./Ltr.
NON-VOLATILE (ASTM D 2369)	62% by weight 53% by volume
SERVICE TEMPERATURE LIMITS (TSTM 10)	-30°C to 100°C (Temperature at coated surface)
WET FLAMMABILITY FLASH POINT (ASTM D 93)	No flash to Boiling 100°C
SURFACE BURNING CHARACTERISTIC (ASTM E-84) (Class A)	
FLAME SPREAD INDEX	0
SMOKE DEVELOPED INDEX	5

SURFACE PREPARATION

The metal surfaces should be thoroughly cleaned to remove loose dust, rust, foreign particles, oil, grease, existing paint and other contaminants.

Before applying **TIKI K8560**, make certain that matting surfaces are dry.

APPLICATION INSTRUCTION

WET BOND APPLICATION: Apply **TIKI K8560** to metal surface uniformly covering the entire area @ 7 m²/l to 14 m²/l. While wet, press the insulation into place, making sure that complete contact is made with applied adhesive.

CONTACT BOND APPLICATION: Apply **TIKI K8560** to the metal surface @ 8 m²/l to 10 m²/l and to the insulation surface @ 2.60 m²/l to 4 m²/l. Allow open time of 20 to 40 minutes (depends on temperature and humidity), so that applied adhesive attain tacky state. Once film attains tacky state, place the matting surfaces together, applying pressure to ensure complete and uniform contact. Use of hand roller is recommended to press the two matting surfaces together.

Alternately apply **TIKI K8560** to the metal surface @ 2.60 m²/l to 4 m²/l immediately followed by pressing of the insulation into wet adhesive and then immediate removal from the surface. Allow open time of 30 to 120 minutes (depends on temperature and humidity), so that the applied adhesive attain tacky state. Reinstall insulation on to metal surface, while applying uniform film pressure over the entire surface and attain good bonding.

- After application, protect the film from rain and freezing until dry.
- Avoid repositioning the insulation after initial placement.
- Overhead applications may require mechanical fasteners.
- Always test plastic foam insulation for warpage when using **TIKI K8560**.
- Not suggested for use with roll coating machines.

COLOUR	Light Green / Cream
APPLICATION CONSISTENCY	Brush / Roller / Spray
COVERAGE RANGE (TSTM 20) (Depends on type of surface and nature of material to be bonded)	By Brush & Roller: 4.0 to 15.0 m ² /l By Spray: 8.0 to 15.0 m ² /l
BONDING TIME (Depends on temperature and humidity)	
CONTACT BOND:	10 minutes to 1.30 hours
SINGLE SURFACE WET BOND:	0 to 10 minutes
VOC CONTENT	< 35 g/l

CLEAN-UP

Use warm soapy water for cleaning tools and equipment used for applying **TIKI K8560**. When dry, use chlorinated solvents or mineral spirits.

STORAGE

TIKI K8560 must be stored under the covered shed and protected from extremes of temperature. Keep container closed when not in use.

SHELF LIFE

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

SAFETY PRECAUTIONS

As with all Products used in Insulation, care should be taken during use and storage of **TIKI K8560** 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 children and animals. Reseal containers after 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.

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Website: www.tikiinsulation.com

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ISO 17025: 2017

ISO 9001: 2015