

# TIKI KOTE T-1 & T-2



Since 1964

## Cold Applied Clay Type Emulsion for Insulation Protection

### DESCRIPTION

**TIKI KOTE T-1 & T-2** is water bound clay type emulsion processed from suitable grade of bitumen and inert fillers for insulation protection supplied in smooth paste consistency.

**TIKI KOTE T-2** is a tough and harder version of **TIKI KOTE T-1** offering better resistance to high temperature and damage.

### USES

It is used to render adequate protection to insulation against moisture and accidental damage thereby preventing heat losses and increasing insulation efficiency.

It is used to maintain insulation dry owing to **its unique vapour barrier property**.

It is used on heated lines, vessels and equipment in intermittent or dual temperature service to prevent dampness in the insulation during off periods or cold cycles.

### ADVANTAGES

It protects insulation from chemical attacks of mild acids & mild alkalis.

It provides seamless protective barrier and forms tough film that protects insulation from ravages of weather **protecting it from moisture**, water, chemical spillages, etc.

Unique plastomeric property accommodates movement stresses and enhances resistance to vibrations, accidental shocks and thermal cycles.

In the wet state, it is non- flammable and inert for worker safety.

Its thixotropic consistency yields smooth finish on rough substrates

Being water based, it contains no harmful solvents that will attack insulations or facings.

### PROPERTIES

TECHNICAL DATA	TIKI KOTE T-1	TIKI KOTE T-2
Color	Dark Brown	Dark Brown
Consistency	Brush / Trowel	Trowel
Drying Time (depends on climatic conditions)	<3 days	<3 days
Coverage, Kg./m <sup>2</sup>	>10 @6mm >5 @3mm	>12 @6mm >6 @ 3mm
Dry Film Thickness	6mm in 2 Coats	6mm in 2 Coats
Specific Gravity	>1.00	>1.10
Service Temperature, °C	150	260

### SURFACE PREPARATION

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

### APPLICATION INSTRUCTION

Prior to application of **TIKI KOTE T-1 / T-2**, care should be taken to see that the insulation carried out on the pipes/vessels is absolutely firm & intact.

To obtain proper bonding, dusty & porous surfaces should be primed with **TIKI KOTE T-1 / T-2** diluted with water maximum in 1:1 ratio (based on required consistency). Allow primer to dry.

**TIKI KOTE T-1 / T-2** shall be applied over insulation in two applications to required thickness by brush or trowel. The second coat shall be applied perpendicular to first coat after 24 hrs of application of first coat. Care should be taken to ensure void free finish.

To obtain smooth surface and for easing the application, brush / trowel may be made moist with water from time to time.

Necessary precaution should be taken after application to avoid damage to the applied **TIKI KOTE T-1 / T-2** coating. During initial setting, coating exhibits plasticity and indentation marks on pressing. The applied coating will attain hardness in <7 days and will resist indentation thereafter.

After the second coat has reached initial set, coarse sand / crushed stone chips shall be spread uniformly as protective course.

If black finish is not desirable, application of two coats of bituminous aluminum paint **TIKI FLASH** as reflective finish is recommended.

### CLEAN-UP

Use warm soapy water for cleaning tools and equipment used for applying **TIKI KOTE T-1 & T-2**. Once dried tools can be cleaned with any aromatic solvent to remove adhered material.

### SUPPLY

**TIKI KOTE T-1 & T-2** is supplied in standard pack size of 20 Kg Drum.

### STORAGE

**TIKI KOTE T-1 & T-2** must be stored under the covered shed and protect from extremes of temperature. Keep container close when not in use

### SHELF LIFE

Shelf life is 12 months when stored as above. 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 Insulations, care should be taken during use and storage of **TIKI KOTE T-1 & T-2** to avoid contact with eyes, mouth, skin and foodstuffs until product 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 item

**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 of information given by it.

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

**Note:** Properties subject to change as per specific requirement.

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