

# TIKI PLAST (Mfgd. To IS:1580)



Since 1964

## Bituminous Compound for Waterproofing and Caulking Purpose

### DESCRIPTION

**TIKI PLAST** is single component ready to use cold applied tough and durable bituminous compound based on modified bitumen and selected reinforcing materials, for caulking and flashing applications supplied as black / dark brownish / aluminium grey paste.

It is not affected by atmospheric temperature variation and resists any tendency to flow out of the joint under hot weather conditions or resist loss of resiliency during cold conditions.

### USES

It is used for stopping leaks through cracks of concrete roofs, walls, porous masonry, and through gaps around J-Bolts of reinforced cement sheets, G.I corrugated sheets.

It is used as sealants for sealing metal fabrications, plate joints of wagons, coach, and buses in Railway, Bus, and Automotive industry.

It is used as caulking agent for filling crevices and vertical joints between steel plates, folded section, wood joints, precast concrete claddings, and blocks, underground tanks etc.

It is used as flashing compound to flash projections and terminations preventing entrance of water or moisture.

It is also used as adhesive for bonding rain guards over rubber trees.

It is also used as bedding compound to absorb shock and vibration.

### ADVANTAGES

- Forms firm dustproof and watertight seal
- Excellent slump resistance
- Good resistance to water, mild acids, and alkalis
- Good adhesion with all material of construction
- Good tooling property
- High resistance to moisture penetration through joints
- Can withstand temperature up to 80°C
- Excellent performance under atmospheric thermal cycles
- Compatible with bituminous, concrete, masonry, wood, metal, and all material of construction

### PROPERTIES

<b>ASH CONTENT</b>	<40% by wt.
<b>CONSISTENCY</b>	
<b>a) Before Setting (Test After 1hr.)</b>	>100
<b>b) After Setting (Test After 24 hr.)</b>	>80
<b>FLASH POINT</b>	> 35°C

### SURFACE PREPARATION

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

Loose rivets shall be made tight and corroded portion shall be thoroughly cleaned to remove adhered rust.

Avoid application of **TIKI PLAST** in damp or moist joints.

### APPLICATION INSTRUCTION

The surface to be treated should be primed using modified bituminous primer **TIKI PRIMER** @ 4 to 6 m<sup>2</sup>/ltr., uniformly wetting and covering the entire surface to promote adhesion of **TIKI PLAST**.

Apply **TIKI PLAST** using trowel or putty knife by guiding the material in to the joints / gaps / crevices and pressing it against the surface ensuring good contact with the joint surface.

Avoid air entrapment and strike off excess material.

To improve the neatness of finished application, use of masking tape on both face edges of joints / cracks / crevices is recommended. Masking tape shall be removed immediately after tooling the material.

**TIKI PLAST** must be applied at all points, which are likely to leak particularly at peripheries, overlaps and small holes and gaps.

**COLOR** Black / Dark Brownish / Aluminium Grey  
**APPLICATION** Applied by Trowel

### CLEAN-UP

Use Any Aromatic Solvent for cleaning equipment and tools used for applying **TIKI PLAST**.

### SUPPLY

**TIKI PLAST** is supplied in standard pack size of 20Kg. and 25Kg.

### STORAGE

**TIKI PLAST** must be stored under covered shed and protected 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 in original sealed condition.

### SAFETY PRECAUTIONS

As with all Chemical Products, care should be taken during use and storage of **TIKI PLAST** 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 consumables.

**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 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 your requirements.

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

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