

# TIKI CAB CLASS IV



Since 1964

## Bitumen Based Filling Compound for Electrical Purpose

### DESCRIPTION

**TIKI CAB CLASS IV** is specially formulated single component hot poured bituminous filling compound for cable jointing boxes.

It complies with the requirements of IS 7084.

### USES

- Use for filling areas between electrical cable and cable ducts.
- Use as filling material for cable jointing boxes of both electricity and telecommunications, busbar filling, etc.
- Use to protect the cable fittings from moisture, water and other environmental chemicals so as to avoid failure in the system.

### ADVANTAGES

- Does not contain solvents – does not damage or has no deleterious effect on solvent sensitive polyethylene, natural rubber, synthetic rubber, PVC, metals and plastics and other cable materials.
- Does not have any injurious effect on copper, brass, iron, lead, aluminium, zinc, galvanized steel and their alloys at temperature of installation and operation.
- Good adhesion to dry and clean surfaces.
- Low susceptibility to flow during hot weather condition.
- Resistant to ingress of water and foreign substance.
- Protects electrical connections from moisture and corrosive vapours.
- Aids in preventing electrical leakage or short circuits due to dampness.
- Non-corrosive to metals.
- High degree of electrical insulation.
- Good resistance to subsoil chemicals.

### PROPERTIES

Technical Data	Value	Test Standard
Softening Point Min. Max.	90°C 120°C	IS 1205
Specific Gravity at 27°C	1 to 1.05	IS 1202
Penetration at 27°C	Min. 10 dmm	IS 1203
Flash Point	≥200°C	IS 7084 Appendix C
Ash Content (Mineral Matter)	≤0.5 %	IS 7084, Appendix D
Solubility (Insoluble Content)	Max. 0.5 %	IS 1216, Method A
Electrical Strength (Proof) Test Test Voltage, kV (rms) Test Temperature, °C	20 90 ± 1	IS 7084, Appendix B
Contraction, %	≤8	IS 7084, Appendix G

### SURFACE PREPARATION

The surfaces / assembly to be filled / sealed shall be clean and dry free from dust, foreign particles, rust, oil and other contaminants.

### APPLICATION INSTRUCTIONS

**TIKI CAB CLASS IV** compound must be heated before use. It should not be heated directly. The supplied drums of the compound should never be placed over direct heat i.e. gas or wood fire.

Cut the drum containing **TIKI CAB CLASS IV** in to small pieces before placing in the directly heated separate container. Melt few pieces of **TIKI CAB CLASS IV**, then gradually add more pieces to the molten material, stirring continuously. Heat until the compound reaches correct pouring temperature (170° C to 200° C). Only melt enough compound to be poured the same day.

Use the molten compound as soon as possible after heating, preferably within 30 minutes. Do not allow water to contact hot material, as it will react violently and splatter the hot compound causing severe burns.

It is preferable to transfer molten material in to the separate can / container and poured directly in to the filling assembly, taking care not to allow formation of air pockets or cavities.

### CLEAN-UP

Use suitable solvents for cleaning equipment and tools immediately after applying **TIKI CAB CLASS IV**.

### SUPPLY

**TIKI CAB CLASS IV** is supplied in standard pack sizes of 20 Kg. drums.

### STORAGE

**TIKI CAB CLASS IV** must be stored above 5°C. Store under the shed & protect from extremes of temperatures. Keep container close when not in use.

### SHELF LIFE

Shelf life is 12 months when stored as above and in Original Sealed Container. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

### SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **TIKI CAB CLASS IV** 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, animals and direct sources of high temperatures, naked flame and sparks. 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.

## TIKITAR INDUSTRIES (BARODA) LIMITED

Village Road, Bhandup (W), Mumbai - 400 078, Maharashtra, India.

T: +91 22 4126 6666, 2566 7831 | F: +91 22 2566 7830

E: tiki@tikitar.com | W: www.tikitar.com

