

TIKIPHALT 85

Hot Applied Bitumen Adhesive

No. 11-1591



Since 1964

DESCRIPTION

TIKIPHALT 85 is purest grade of bitumen derived from specially selected crude oils via carefully controlled refining processes.

It is a blown grade of Oxidized **Bitumen 85/25**.

The quality of **TIKIPHALT 85** is assured for every delivery and are produced and controlled to highest quality standard to meet strict industrial engineering requirements and specifications. It conforms to IS:702 standards.

USES

- **TIKIPHALT 85** is recommended for industrial applications as adhesive, protective coating, electric insulator, anti-corrosive coating etc.
- It is also suitable as hot adhesive in mechanical insulation industry for fixing thermal insulation panels / slabs / pipe sections like PU, PIR, Cellular Glass etc., to various substrates in Hot Insulation Processes.
- It is used to fix foam sheets, PVC tiles, Cork, and Linoleum tiles and like materials to various substrates.
- It is used as thermoplastic hot-melt adhesive in the construction of conventional built-up roofing systems.
- It is used as an interplay adhesive to hold plies together in built-up roofing. It is used to secure selected roof insulations to acceptable substrates.

ADVANTAGES

- High quality bitumen
- High flash point
- Uniform installation characteristics
- Good adhesive and water resistant qualities
- Delivers consistent and dependable results
- Remarkable resistance against atmospheric corrosion

PROPERTIES

TECHNICAL DATA	VALUE	STANDARD
Specific Gravity at 27 °C	1.0 to 1.05	IS:1202
Flash Point, C.O.C, °C, Min.	>225	IS:1209
Softening Point °C	80 to 90	IS:1205
Penetration at 25°C, 100g, 5 Sec., 1/10mm	20 to 30	IS:1203
Loss on Heating, % by Mass, Max.	0.30	IS:1212
Penetration of the Residue at 25°C, 100g, 5 Sec., % of Original, Min.	60	IS:1203
Ductility at 27°C, cm, Min.	3	IS:1208
Matter Soluble in Tri Chloro Ethylene, % by Mass, Min.	99	IS:1216

APPLICATION

TIKIPHALT 85 should be heated to 180±20 degree centigrade, prior to its usage for required application. Overheating can cause deterioration of the product and should be avoided. Insufficient heat may result in air entrapment and poor application.

Apply uniformly, without breaks/ voids.

Never heat **TIKIPHALT 85** above its flash point.

SUPPLY

TIKIPHALT 85 is supplied in standard pack size of 150/200 Kg. Drum. In multiple paper / HDPE bag packing it is supplied in pack size of 25/50 Kg.

STORAGE

TIKIPHALT 85 must be stored under covered shed and store between 5°C to 40°C temperature. Keep packing 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 Products used in Industrial Applications, care should be taken during use and storage of **TIKIPHALT 85** to avoid direct skin and eye contact. Handle only in accordance with good industrial hygiene and safety procedures.

Do not allow water or any liquid to come in contact with hot product since this could cause splashing of hot material or boil-over.

Do not breathe fumes from hot product. Use of suitable face masks, heat resistant gloves and safety glasses is recommended.

Wash hands thoroughly after handling. Change contaminated clothes at the end of working shift. Do not eat, drink or smoke when using this product.

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 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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