

# TIKI PRIMESEAL P30

## Cold Applied Bitumen Emulsion

No. 11-1581



Since 1964

### DESCRIPTION

**TIKI PRIMESEAL P30** is specially formulated cold applied Non-Ionic clay type bitumen emulsion specifically formulated for renewal of old weathered flexible pavements, which have been deteriorated due to oxidation, penetration of water and ageing over a period of time.

It consists of milled microscopic particles of specially refined high temperature resistant hard grade bitumen homogeneously dispersed in water to stable emulsion.

### USES

**TIKI PRIMESEAL P30** is used in areas such as runways, airfield pavement, parking areas, taxiways, shoulder pavements, service and special purpose aprons and other areas to,

- Prevent generation of asphalt based foreign object debris (FOD).
- Protect pavement binder from further oxidation.
- Seal pavement surface against water ingress.
- Extend pavement life through timely preventive maintenance.
- Repair pavement exhibiting signs of minor segregation or ravelling.
- Seal age cracking in aged pavement.

### PROPERTIES

TECHNICAL DATA	VALUE
Drying time	≤ 8 hours
Consistency	Smooth and suitable for brush / spray application
Softening point of dry film	≥120°C
Colour	Black / brownish black
Dry film thickness per coat, (by brush / spray)	≥175 microns
Water content (% by mass)	50 ± 2
Ash content, (% by mass)	≤ 10
pH after dilution of emulsion with 25% water	5 to 6
Water resistance	No blistering and re-emulsification of the coating
Resistant to chemicals (i) 10% Caustic soda solution (ii) 10% Magnesium chloride solution	No, blistering, wrinkling and lifting of the coating when tested for 120 hrs.
Mass in Kg./10 Ltr.	11 ± 0.5
Residue on 150 micron IS sieve	≤0.05
Theoretical coverage on 175 micron D.F.T	400 gm/m <sup>2</sup>

### ADVANTAGES

- Mitigates generation of asphalt related "Foreign Object Debris".
- Delays pavement rehabilitation or reconstruction, thus saving enormous repair cost and natural resources, protecting environment.
- Penetrates and seals asphalt pavement surface against intrusion of air and water.

- Reduces the rate of environmental degradation of asphalt pavement - adds longevity to the life cycle of pavement surface.
- Binds loose aggregates and oxidised asphalt in pavement.
- Improves resistance to transverse and block cracking and ravelling.
- Reduces non-load related pavement distresses.

### APPLICATION INSTRUCTIONS

If required, depending upon the weather conditions, moisten the pavement surface by sprinkling water and avoid formation of water puddles.

Apply **TIKI PRIMESEAL P30** by using squeegee or manual sprayer and spread using rubber rakes to ensure uniform application.

Allow the applied emulsion to dry enough for 4 to 6 hours before allowing the traffic movement.

The coated surfaces should not be exposed to rains, after application of emulsion for minimum 6 hours.

The coverage / consumption of **TIKI PRIMESEAL P30** depends on the condition of surface and weather.

### CLEAN-UP

Use water for cleaning equipment and tools used for applying **TIKI PRIMESEAL P30**.

### SUPPLY

**TIKI PRIMESEAL P30** is supplied in standard pack sizes of 20 Kg. and 200 Kg. Drum

### STORAGE

**TIKI PRIMESEAL P30** must be stored under the covered shed and protect from extremes of temperature. Store between 10°C and 50°C. Keep container close when not in use.

### SHELF LIFE

12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of product/packaging.

### SAFETY PRECAUTIONS

As with all Chemical Products, care should be taken during use and storage of **TIKI PRIMESEAL P30** 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.

Ver. 052026