

# ULTRA PAVEMENT SEALER

## Fuel Resistant Coal Tar Based Emulsion Pavement Sealer (Ready to Use)

### Description.

**Ultra Pavement Sealer** is a special polymer modified coal tar pitch emulsion with unique fuel resistant properties. Specially developed for the surface treatment of airfield pavements, runways and taxiways. It can also be used to surface car parks, bus stations and fuel storage bund areas wherever fuel spillage poses a problem. It is ready to apply material supplied with factory dilution under strict quality control to ensure its quality and standard.

### Properties:

- ✓ Resistant to aviation fuel and kerosene (paraffin).
- ✓ Resistant to de-icing fluids such as urea.
- ✓ Impermeable to most liquids.
- ✓ Flexible and completely waterproof.
- ✓ Hard wearing and highly skid resistant.
- ✓ Able to with stand temperature of 100 °C for a minimum of one minute.
- ✓ Resistant to freeze thaw cycle.
- ✓ Weather resistant, it protects the substrate.
- ✓ Reduces maintenance cost of pavement by minimizing deterioration, cracks, erosion, chuckholes and other bad effects due to temperature variations.

### Technical Specifications (ASTM D 3320-90)

#### Physical Characteristics.

Minimum Density @ 25 °C	1.05 g/cm <sup>3</sup>
Drying Time (to Touch)	6-8 Hours
Flash Point (Water Based)	N/A
Color of Cured Film	Black

Workability	Applicable by Spray, Squeegee/brush/wiper
Resistance to heat @ 80 °C	No Sagging Blistering, or Slipping
Flexibility	No Cracking or Separation
Maximum Resistance to Volatization	15%

### Chemical Characteristics

Non-Volatile Content	35-38% of weight (min)
Volatile Content	60-64% weight of (max)
Ash % of Non-Volatile Content	30-40% by weight
Solubility	25% of Non volatile weight in CS <sub>2</sub> (Min)
Resistance to petroleum solvent	Excellent
Resistance to water	Excellent

### Standard Compliance.

**a) ASTM D 3320-90**

**b) Base material prior to dilution to make it ready for use complies to the following standard: ASTM D 5727-00 (superseded U.S. Fed. Specification RP-355e.**

### Safety Precautions.

- Combustible contains coal tar/emulsifiers.
- Avoid contact with eyes and skin

Ultra Chemicals LLC USA has established the world latest technology Asphalt emulsion manufacturing plant in Lahore Pakistan. This plant and asphalt emulsion technology has been transferred from USA in order to serve the roads/pavement industry of Pakistan in an environment friendly atmosphere. Our product meets the requirements of all international standards, ASTM/AASHTO.

### Packing

218 Ltr. Drum

### Storage:

To preserve the product drums must be kept in original sealed condition. For better result drums must be stored in horizontal position under shade away from direct sunlight.

### Shelf Life

2 years from date of manufacturing.

**Our production facility at Pakistan is ISO 9001-2008 certified by MOODY/UKAS international**

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