THE BREWER COMPANY

Spec Cote™

Refined Tar Emulsion Pavement Sealer

DESCRIPTION

Spec Cote™ is a concentrated refined tar emulsion pavement sealer produced with a colloid mill for consistent tar particle size and distribution. Formulated with a select blend of fillers proportioned for exceptional wear resistance, Spec Cote™ exhibits outstanding wear resistance and is highly resistant to gasoline, oil and ultraviolet light, providing superior protection for asphalt pavement surfaces. Spec Cote™ meets all composition and performance requirements of ASTM Specification D5727 (formerly Federal Specification RP-355).

APPLICATION

Spec Cote™ must be applied to clean, structurally sound asphalt pavements that are surface cured and free from all loose and foreign debris. Wide cracks, alligatored areas and soft or sunken pavement must be properly repaired or replaced prior to sealing. Oil and grease spots must be properly cleaned and primed prior to sealing. All vegetation should be treated with a water based herbicide at least one (1) week prior to sealing and removed during final surface preparations.

Spec Cote™ can be applied using spray equipment, mechanical squeegee equipment, brush or rubber squeegee. All application equipment must be capable of applying a sufficient quantity of Spec Cote™ to the pavement to ensure a uniform coating at the specified application rates.

KEY ADVANTAGES

- **Colloid milled for consistent trouble free performance**
- **Formulated with select filler, proportioned for superior wear resistance and deep, jet black color**

MIX DESIGNS AND USAGE

Spec Cote™, as supplied, is a concentrated pavement sealer designed to be mixed with water and mineral aggregate to form a ready to use pavement coating. The components are proportioned based upon a number of factors including age, texture and porosity of the pavement to be sealed, as well as the amount of traffic the pavement will receive (see mix designs on page 2 for further details).

Aggregates

Aggregates, such as silica sand and boiler slag, must be washed, graded and free from dust, clay or other foreign contaminants. The aggregate must be angular and of medium grain fineness (AFS 50-70).

Latex Additives

Approved latex additives may be added to Spec Cote™ to improve the sealer's durability, gasoline and oil resistance, drying time and color. See the mix designs table on page 2 for specific recommendations.

The following specifications and standards apply to Spec Cote™ for physical properties and performance. Spec Cote™ meets all requirements of ASTM D5727 and composition requirements of applicable Federal Aviation Administration specifications:

STANDARD	PROPERTY
ASTM D5	Penetration of Bituminous Materials
ASTM D139	Float Test for Bituminous Materials
ASTM D2939	Emulsified Bitumens as Protective Coatings
ASTM D4072	Solubility in Toluene
ASTM D5727	Emulsified Refined Tar Coatings (Characteristics)
FAA P-625	Federal Aviation Administration Specifications for Airfield Surface Treatments - Composition
FAA P-627	
FAA P-630	
FAA P-631	

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COVERAGE

Based upon the below referenced mix designs, Spec Cote™ coverage rates are as follows:

1st Coat - 0.10 - 0.15 gallon per square yard
2nd Coat - 0.08 - 0.12 gallon per square yard
3rd Coat - 0.08 - 0.12 gallon per square yard

When multiple coats are used, allow previous coat to dry so that it will withstand traffic without scuffing before applying the next coat of sealer. Temperatures below 70° F, relative humidities above 50%, and lack of air movement will retard curing and lengthen the time between coats.

SPEC COTE™ TYPICAL PROPERTIES

PROPERTY	TYPICAL
Non-volatile content %	48.50 Minimum
Ash of Non-Volatile, %	36.00 - 37.00
Drying time, hours	4.0
Adhesion/resistance to water	No penetration/adhesion loss
Flexibility	No cracking or flaking
Specific Gravity at 25 C.	1.21

MIX DESIGNS

Traffic Pattern	No. of Coats	Spec Cote™	Water Gals.	Aggregate Lbs.	Additive Gals.
Pedestrian - maximum scuff resistance (playgrounds, walkways)	1st coat 2nd coat	100 100	35-40 35-40	100-200 100-200	2-3 2-3
Residential or non-vehicular (driveways, multi-use trails)	1st coat 2nd coat	100 100	30-40 30-40	0-200 100-200	1-2 1-2
Low traffic parking areas	1st coat 2nd coat	100 100	30-35 30-35	0-200 100-200	0-2 0-2
Moderate traffic parking areas	1st coat 2nd coat	100 100	25-35 25-35	0-300 100-300	2-3 2-3
High traffic parking areas, drive lanes, entrances and service roads	1st coat 2nd coat 3rd coat	100 100 100	25-30 25-30 30-35	0-400 100-400 100-400	3-4 3-4 3-4

PRECAUTIONS

Apply Spec Cote™ to unsealed asphalt pavements or to surfaces previously sealed with refined tar emulsion pavement sealers.

Pavements previously sealed with asphalt emulsion pavement sealers should be allowed to weather for a minimum of two (2) years or until 50% of the pavement aggregate is exposed, before sealing with Spec Cote™.

New asphalt pavements and repair areas shall be allowed to cure a minimum of sixty (60) days at a minimum daytime temperature of 60 °F before sealing with Spec Cote™. A simple test to determine if a pavement is ready to be sealed is to cast a gallon or two of clean water over the surface. If the water sheets out, uniformly wetting the surface and no oil rings appear, the surface is ready to be sealed. If the water balls up and/or shows signs of oil rings, the surface is not ready to be sealed and should be allowed to cure longer.

Spec Cote™ contains refined tar. It may cause minor skin irritation. As with all chemicals, wear splash resistant goggles, protective gloves and clothing when applying Spec Cote™. In case of skin or eye contact, immediately flush area with clean water. Consult Material Safety Data Sheet for more information on safety and handling.

LIMITATIONS

Spec Cote™ must be applied only when ambient and pavement temperatures are a minimum of 50 °F and are expected to remain there for at least twenty-four (24) hours after sealer application. Spec Cote™ must not be applied during rainy or wet conditions such as foggy or overcast days with high relative humidity or when rain is predicted within twenty-four (24) hours after sealer application. When the ambient temperature is in excess of 85 °F, the pavement should be fogged with clean water immediately prior to sealer application, to facilitate better bonding and even spreading of sealer. All standing water must be removed prior to sealer application. Protect product from freezing. Once frozen, product is not useable. This product is for exterior use only.

PACKAGING

Available in bulk only

LIMITED WARRANTY

The Brewer Company warrants this product to be of merchantable quality when stored, used and applied in accordance with the specifications and instructions on the product label and herein. This limited warranty represents the sole and exclusive warranty. The Brewer Company's liability under this limited warranty is limited to replacement of the product proven defective or, at its option, refund of the selling price.

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