

# REC COAL TAR CONCENTRATE 990

## COAL TAR CONCENTRATE PAVEMENT SEALER

### DESCRIPTION

**REC COAL TAR CONCENTRATE 990** is a clay-stabilized, fuel-resistant coal tar emulsion pavement sealer designed to protect and beautify asphalt pavement. Coal Tar Concentrate is formulated to be job-mixed with water and aggregate.

### PRIMARY APPLICATION

Coal Tar Concentrate is designed to beautify and protect asphalt pavement surfaces including parking lots, airports, driveways, shopping malls, roadways, and more.

### TECHNICAL INFORMATION

#### PHYSICAL/CHEMICAL PROPERTIES:

**REC COAL TAR CONCENTRATE 990** is a premium quality pavement sealer that meets the following material requirements when tested in accordance with ASTM D 140, ASTM D 466, ASTM D 490, ASTM B117, ASTM D 529, ASTM D 2939, ASTM D244 and FAA\_P-629 procedures. (see chart below)

#### ENVIRONMENTAL CONSIDERATIONS:

**REC COAL TAR CONCENTRATE 990** does not contain asbestos. **REC COAL TAR CONCENTRATE 990** is an environmentally friendly water based pavement sealer containing less than 50 grams per liter volatile organic content (VOC).

TEST	SPECIFICATIONS	RESULT
Material	Material shall be homogenous and show no separation or coagulation that cannot be overcome by moderate stirring.	PASSES
Chem. & Physical Analysis <ul style="list-style-type: none"> <li>• Non Volatiles %</li> <li>• Ash Non Volatiles %</li> <li>• Solubility of Non Volatiles in CS<sub>2</sub>%</li> <li>• Specific Gravity 25°C</li> </ul>	47% Minimum 30 – 40 20 Min.  1.20 Minimum	PASSES PASSES PASSES  PASSES
Drying Time	8 Hr. Max.	PASSES
Adhesion & Resistance to Water	No Penetration or Loss of Adhesion	PASSES
Resistance to Heat	No Blistering or Sagging	PASSES
Flexibility	No Cracking or Flaking	PASSES
Resistance to Impact	No Chipping, Flaking or Cracking	PASSES
Resistance to Volatilization	10% Loss in Weight Max.	PASSES
Wet Film Continuity	Smooth, Nongranular Free from Coarse Particles	PASSES
Resistance to Kerosene	No loss of adhesion or penetration	PASSES
P-625 Fuel Resistance Test	Evaluation of Fuel Resistance	PASSES
P-630 Fuel Resistance Test	Evaluation of Fuel Resistance	PASSES
P-631 Fuel Resistance Test	Evaluation of Fuel Resistance	PASSES

## **DIRECTIONS FOR USE**

### **PREPARATION OF THE SUBSTRATE**

Surface must be clean and free from all loose material and dirt. Pavement surface repairs should be made with a suitable hot or cold asphalt mix. Cracks should be filled with REC hot pour or cold applied crack fillers. Treat all grease, oil, and gasoline spots or stains with REC SEALER.

### **METHODS:**

**REC COAL TAR CONCENTRATE 990** shall be applied by either pressurized spray application equipment or self-propelled squeegee equipment. Pressurized spray equipment shall be capable of spraying pavement sealer with sand added. Equipment shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout the application process.

Self-propelled squeegee equipment shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of sealer into bituminous pavement. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.

### **MIXING PROCEDURES:**

For optimum results, **REC COAL TAR CONCENTRATE 990** shall be mixed in accordance with the following mix design (based on 100 gallons for ease of calculation):

Coal Tar Concentrate	100 gals.
Water	30-40 gals.
Polymer Additive	1-2 gals.
Sand*	300-500 lbs.

\*(40-70 mesh AFS rating)

### **IMPORTANT:**

The above mix design is a typical recommendation. Alternative mix designs may be substituted to account for local pavement conditions and use of other pavement sealer additives. However, in all cases sand shall be used in the mix design.

### **APPLICATION:**

For optimum performance and durability apply two coats of properly mixed **REC COAL TAR CONCENTRATE 990**. A third coat of mixed Coal Tar Sealer may be applied to high traffic areas such as entrances, exits, and drive lanes.

Application Rate of Mixed Coal Tar Sealer: Apply properly mixed Coal Tar Sealer (Coal Tar Concentrate, Water, Sand, Additive) at a rate of .11 to .13 gallon per square yard (70-82 square feet per gallon) per coat.

### **ESTIMATING MATERIAL REQUIREMENTS:**

To estimate gallons of **REC COAL TAR CONCENTRATE 990** required to cover a specific area use the following coverage rate:

- One gallon of **REC COAL TAR CONCENTRATE 990** will cover approximately 100-120 square feet (11.1 to 13.3 square yards) per coat when properly mixed and applied.

Note: Coverage rates may vary due to pavement age and porosity.

### **PRECAUTIONS:**

Both surface and ambient temperature shall be a minimum of 50°F. Temperature shall not drop below 50°F in a 24 hour period following application. New asphalt surfaces should be allowed to cure a minimum of four weeks under ideal weather conditions (70°F) before applying Coal Tar Concentrate. Keep Out Of Reach Of Children. Do not store unopened drums or pails in freezing temperatures.

### **LIMITATIONS:**

**REC COAL TAR CONCENTRATE 990** shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

## PACKING

REC COAL TAR CONCENTRATE 990 is sold in 20 & 200 litre drums.

**WARRANTY:** The Reckon Chemicals (Pvt) Ltd. (Reckon) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Reckon, no other representations or statements made by Reckon or its representatives, in writing or orally, shall alter this warranty. Reckon MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Reckon product fails to conform with this warranty, Reckon will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Reckon does not authorize anyone on its behalf to make any written or oral statements which in any way alter Reckon's installation information or instructions in its product literature or on its packaging labels. Any installation of Reckon products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Reckon's products for the Buyer's intended purposes.

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