

# ROYAL OIL CO.

SPECIALTY COATINGS

## ***KILN-KOTE BLACK***

***Premium Kiln Sealer***

**Quality Raw Materials**

**Adds Surface Layer Protection**

**Sheds Moisture**

**Faster Cure Times**

**Reduces Re-treat Rates/Cost**

**Easy To Apply**

*“One of the oldest products in our line is KILN-KOTE BLACK. It’s a product that shows a quality product will stand the test of time. With some of our oldest repeat customers, KILN-KOTE BLACK has proven to be a staple for our lumber curing customers. ”*



The cost associated with curing lumber can increase with poor kiln maintenance. The constant exposure to moisture and temperatures will wear on the surface material and lead to damage and inefficient curing. However, there is an answer...KILN-KOTE BLACK

Royal’s KILN-KOTE BLACK is the most effective and long lasting kiln sealer in the industry. Built with quality raw materials, this well mixed and stable coating is easy to apply and durable. At the core of its superior performance are a quick cure rate and the ability to shed moisture. In addition, KILN-KOTE BLACK maintains its integrity over time, reducing the frequency with which you have to re-treat kiln surfaces. If you own and/or operate a lumber kiln, KILN-KOTE BLACK or ALUMINUM KILN KOTE are far superior to cheaper alternatives.

# ***KILN-KOTE BLACK***

## **Application Rates**

**APPLICATION GUIDELINES:** KILN KOTE BLACK has penetrating properties that aid in creating an effective vapor barrier. For that reason, coverage rates vary depending on the porosity of the surface KILN KOTE BLACK is applied to. The following rates are guidelines only.

**NON-POROUS SURFACES (Aluminum or Other Metal):** 1 to 1½ gallons per 100 square feet.

**MODERATELY POROUS SURFACES (Concrete Block or Brick):** 1½ to 2 gallons per 100 square feet.

**VERY POROUS SURFACES (Haydite or Cinder Block):** 2 to 2½ gallons per 100 square feet.

*If possible, leave kiln open and inoperative for 48 hours to allow product to fully cure. If kiln must be used sooner, small superficial blemishes may develop on the sealed surface and dripping may occur. However, KILN-KOTE's unique self-healing properties will maintain the integrity of the vapor barrier.*

Use: The tough, heat-holding film provides a long lasting barrier against moisture and heat in lumber dry kilns.

Color: Black

Dry Mil Thickness: 22.4 mils at 2 gallons per 100 square feet

Resistant To: Mild acids and Bases, Corrosion, Water and Water Vapor and sunlight

Weatherability: Good in Arid, Tropical and Cold Climates

Application: Brush, Spray or Roller

Physical Requirements:

API Gravity at 60° F.

17.7

Specific Gravity at 60° F. (ASTM D-70)

0.948

Weight per Volume at 60° F. (ASTM D-88)

7.897 lbs./gal.

Viscosity, Saybolt Furol at 122°F.

150 - 250

Flash Point, PMCC (ASTM D-93),

Min. 105°F.

Non-Volatiles: 1 gm/3 hrs. 221°F., % by Weight

70

Phosphorous (as P<sub>2</sub>O<sub>5</sub>), % by wt.

35.0

The moisture and vapor barrier properties of KILN-KOTE are actually increased by the approximate 180°F heat used in most Lumber Dry Kilns.

Sharing lubricant knowledge and delivering the highest quality products, two things we promise our customers. The difference will change how you view, purchase and utilize greases and oils from here forward.

*Family owned and operated since 1926.*



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