

# ROYAL OIL CO.

SPECIALTY COATINGS

## ALUMINUM KILN KOTE

*Premium Kiln Sealer w/ Aluminum Particles*

**Contains Aluminum Particles**

**Adds Surface Layer Protection**

**Sheds Moisture**

**Can Increase Drying Time**

**Helps Maintain Temperatures**

**Reduces Re-treat Rates/Cost**

**Easy To Apply**

Time is money, few are more aware of this than those in the timber and lumber processing industries. Drying lumber is a necessary step and doing it without problems is the most cost efficient and quickest way. ALUMINUM KILN KOTE is one of our fastest growing products and for a good reason. Unlike other metallic sealers on the market, the aluminum you see in ALUMINUM KILN KOTE is real, not a pigment. Why is this important? When treating the surfaces of a kiln you are building a barrier of protection to prevent rust, corrosion or materials breaking down due to exposure. By adding the extra layer of protection you increase the life span of your treatment.

In addition, by introducing aluminum particles to our traditional KILN KOTE BLACK, we increase the ability to maintain temperatures and reduce heating costs.

*"We've always been known for our lubricants, but as more and more companies turn to Royal for specialty coatings like our ALUMINUM KILN KOTE, our reputation grows. They're see that ALUMINUM KILN KOTE is far superior to retail sealers."*



# ***ALUMINUM KILN KOTE***

## **Application Rates**

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

NON-POROUS SURFACES (Aluminum or Other Metal) 1 gallon per 300-350 square feet.

MODERATELY POROUS SURFACES (Concrete Block or Brick): 1 gallon per 200-250 square feet

VERY POROUS SURFACES (Haydite or Cinder Block): 1 gallon per 100-150 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 surfaces and dripping may occur.

ALUMINUM KILN KOTE conforms to the following characteristics

COLOR: Soft Silver

DRY FILM THICKNESS: 3 mils @ recommended rates

WEATHERABILITY: Good in arid, Tropical and Cold Climates

APPLICATION: Brush, Squeegee, Roller, or spray

RESISTANT TO: Rust, Corrosion, Water and Water Vapor, Saturated Solutions of Various Salts, and Sunlight

### PHYSICAL REQUIREMENTS:

Specific Gravity @ 160° C (600 °F)

Non-Volatiles, % by Wt.

Flash Point, PMCC, Minimum (ASTM D-93)

Consistency

Asphalt Content, % by Wt.

Solvent Content, % by Wt., Maximum

Aluminum Pigment, Percent

Viscosity @ 770 °F, cps

Leafing, Percent Minimum

### TYPICAL

0.971

6.00

400 °C (1050 °F)

Brush, Squeegee, Roller, or Spray

24.5

57.2

18.3

40-70

70

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.*



842 N. Main St.

Fort Worth, TX 76164

(800) 332-1926

sales@royaloilus.com

www.royaloilus.com

