

Stop the **LEAKS!** Reflect the **HEAT!**  
Lower energy **BILLS!** **SAVE MONEY!**



## Technical Data Sheet

### **ALDOCOAT 394**

### **SILICONE COATING**

#### **PRODUCT DESCRIPTION:**

**ALDOCOAT 394** is a one-part silicone elastomeric coating specifically designed for use in roofing applications as a protective coating over spray polyurethane foam. Once cured this liquid applied silicone coating provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction. Mil for mil, **ALDOCOAT 394** provides greater UV protection than similar silicone coatings and offers increased resistance to moisture penetration. **ALDOCOAT 394** provides excellent long term protection through exceptional weatherability properties.

#### **RECOMMENDED USES:**

**ALDOCOAT 394** was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. With excellent adhesion and durability, **ALDOCOAT 394** is proven to provide excellent UV protection and long term durability for spray polyurethane foam.

#### **APPLICATION INSTRUCTIONS:**

**ALDOCOAT 394** may be applied by medium nap rollers, soft brushes or conventional airless spray equipment. Apply **ALDOCOAT 394** only to clean, dry, sound surfaces free of loose particles or other foreign matter. For best results, ambient temperature should be between 50-80°F. Higher temperatures will shorten the cure time and working time for proper application of granules before the material has skinned. Lower temperatures will lengthen the skinover, tack free and ultimate cure time. Sudden temperature declines may also result in dew formation on surfaces, which can prevent adhesion development. For best results, relative humidity should be above 20%. Lower humidity will slow the cure time significantly.

Apply **ALDOCOAT 394** at the rate of 1.5 gallons per 100 sq. ft. per coat, with a two coat minimum requirement. Minimum dry mil thickness shall be above 25 mils. **PRODUCT APPLICATION SHOULD BE SUSPENDED IMMEDIATELY AND OUR TECHNICAL SERVICE PERSONNEL CONTACTED IF THE RESULTS BEING OBTAINED ARE LESS THAN DESIRABLE**

#### **LIMITATIONS AND PRECAUTIONS:**

AVOID CONTAMINATION IN SEALED CONTAINERS. STORE AWAY FROM HEAT, SOURCES OF IGNITION AND INCOMPATIBLES. USE ONLY IN WELL VENTILATED AREAS. Do not inhale vapor or mist; do not get on skin, in eyes or on clothing.

#### **TYPICAL PHYSICAL PROPERTIES:**

**TOTAL SOLIDS:**  
65 ± 2% by volume

**WEIGHT PER GALLON:**  
9.2 lbs. per gallon

**FLASH POINT:**  
104° C

**CLEAN UP SOLVENT:**  
Mineral Spirits

**SHELF LIFE:**  
6 months @ 40° -90° F

**VISCOSITY:**  
9000 cps Brookfield

**ELONGATION:**  
150% ± 50

**HARDNESS:**  
55 Shore A

**TENSILE STRENGTH:**  
500 psi ± 50

**PERMEABILITY:**  
3.9 perms

**SERVICE TEMPERATURE:**  
-50° TO 200° F

**THINNER:**  
Not Recommended

**SOLAR REFLECTANCE:**  
83%

**THERMAL EMITTANCE:**  
85%

**CURE TIMES:**  
DRY TO TOUCH: 6 Hours  
TACK FREE: 2 Hours  
SKINOVER: 30 Minutes