

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



Technical Data Sheet

ALDOCOAT 384

POLYURETHANE

PRODUCT DESCRIPTION:

ALDOCOAT 384 is a technologically advanced, high solids, single component, moisture cure polyurethane elastomer coating uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing substrates, such as EPDM single ply membrane and BUR surfaces. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction. Mil for mil, **ALDOCOAT 384** provides greater UV protection than similar generic coatings and offers increased resistance to moisture penetration through its lower moisture vapor permeability values. Due to its moisture-cure properties, a longer production window can be achieved during application.

RECOMMENDED USES:

ALDOCOAT 384 was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. With excellent adhesion, **ALDOCOAT 384** may be used as well for protection of conventional commercial/industrial surfaces such as, but not limited to, EPDM single ply membranes, wood, concrete, masonry, asphalt shingles and most types of metals.

APPLICATION INSTRUCTIONS:

ALDOCOAT 384 may be applied by medium nap rollers, soft brushes or conventional airless spray equipment. Apply **ALDOCOAT 384** only to clean, dry, sound surfaces free of loose particles or other foreign matter. Successive and/or top coats **MUST** be applied to the base or intermediate coats within 48 hours to insure proper adhesion. Apply **ALDOCOAT 384** at the rate of 1.25 gallon per 100 sq. ft. per coat. Minimum dry mil thickness shall be 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 MOISTURE CONTAMINATION IN SEALED CONTAINERS. Store in a dry environment at temperatures between 40°F-100°F. **KEEP AWAY FROM HEAT, OPEN FLAME OR SPARKS. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT.** Avoid breathing vapor or mist.

TYPICAL PHYSICAL PROPERTIES:

TOTAL SOLIDS:
80 ± 2% by weight

WEIGHT PER GALLON:
8.8–9.2 lb/gallon

FLASH POINT:
80°F

CLEAN UP:
MEK

SHELF LIFE:
90 days @ 40°- 90° F

VISCOSITY:
2,000-3,000 cP Brookfield

ELONGATION:
350% ± 50

HARDNESS:
65 Shore A

TENSILE STRENGTH:
900 psi ± 25

PERMEABILITY:
.02 perm inch

SERVICE TEMPERATURE:
-50° TO 200° F

WATER ABSORPTION:
2.4%

ADHESION:
Exceeds Tensile

CURE TIMES:
DRY TO TOUCH: 6 Hours
TACK FREE: 8 - 12 Hours
RECOAT: 12 - 16 Hours