



Stop the **leaks!** Reflect the **heat!**
Lower energy **bills!** Save **money!**



TECHNICAL DATA SHEET

ALDOCOAT 384 POLYURETHANE ALUMINUM

PRODUCT DESCRIPTION:

ALDOCOAT 384 is a technologically advanced, high solids, single component, moisture cure polyurethane elastomer coating uniquely formulated for the protection of spray polyurethane foam insulation and traditional roofing substrates, such as 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, TPO and EPDM single ply membranes, modified bitumen, smooth BUR, concrete, masonry and the lining and sealing of interior gutter systems.

GENERAL SURFACE PREP AND APPLICATION INSTRUCTIONS:

ALDOCOAT 384 may be applied by medium nap rollers, soft brushes or conventional airless spray equipment. Prior to product application, pressure all surfaces to remove all dirt and debris that may impede adhesion. 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 minimum rate of 1.25 gallon per 100 sq. ft. per coat. Minimum dry mil thickness shall be 25 mils. Do not apply if ambient temperature falls below 50° F. **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

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| TOTAL SOLIDS: 79% by weight ASTM D1644 68% by volume ASTM D2697 |
| WEIGHT PER GALLON: 9.0 lb per gallon ± 0.2 |
| FLASH POINT: 80° F |
| CLEAN UP: Xylene |
| SHELF LIFE: 90 days @ 40°- 90° F |
| VISCOSITY: 3,000±1000 cP |
| ELONGATION: 350% ± 50 |
| HARDNESS: 69 Shore A |
| TENSILE STRENGTH: 1000 psi ± 50 |
| 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 |