

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 low slope roofing systems, including EPDM, TPO, PVC, modified bitumen 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 adhesion and increased protection than similar polyurethane coatings. This product also 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 than acrylic coatings.

RECOMMENDED USES:

ALDOCOAT 384 was specifically developed as a protective coating (base and finish coat) for sprayed-in-place polyurethane foam roofing. With excellent adhesion, **ALDOCOAT 384** may be used as a base coat for protection of conventional commercial/industrial surfaces such as, but not limited to, TPO and EPDM single ply membranes, modified bitumen, smooth BUR 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 12.5 DFT for the base coat and 12.5 DFT for a top coat. 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. Avoid breathing vapor or mist. Refer to the SDS for more information.

TYPICAL PHYSICAL PROPERTIES

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