



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



TECHNICAL DATA SHEET

ALDOSEAL 385 POLYURETHANE SEALANT

PRODUCT DESCRIPTION:

ALDOSEAL 385 is a technologically advanced, high solids, single component moisture cure polyurethane elastomeric sealant. In addition, **ALDOSEAL 385** is a brush grade sealant and an excellent all-purpose sealer to address roof leaks on most roofing substrates. **ALDOSEAL 385** is produced in an aluminum gray color that allows for faster cure times than white sealants. Mil for mil, **ALDOSEAL 385** provides greater protection against leaks and water penetration than most sealants due to its tenacious adhesive properties, higher tensile strength and low vapor permeability values. **ALDOSEAL 385** offers a wider window of application than water based acrylic sealants.

RECOMMENDED USES:

ALDOSEAL 385 is specifically designed as a protective sealant during the detail phase of complete elastomeric roof coating restoration work. This product is formulated to seal fasteners and seams and penetrations on a metal roof systems, seams and penetrations on single ply membrane systems and fill cracks and voids on older BUR systems. In addition, **ALDOSEAL 385** is an ideal all purpose sealant to quickly and permanently seal leak areas on virtually any roofing system.

APPLICATION INSTRUCTIONS:

ALDOSEAL 385 may be applied by heavy brush. Apply **ALDOSEAL 385** only to clean, dry, sound surfaces free of loose particles or other foreign matter. Base coats **MUST** be applied to **ALDOSEAL 385** coated sections within 48 hours to insure proper adhesion. Apply **ALDOSEAL 385** at the maximum thickness of 32 wet mils to ensure proper curing. **PRODUCT APPLICATION SHOULD BE SUSPENDED IMMEDIATELY AND OUR TECHNICAL SERVICE PERSONNEL CONTACTED IF THE RESULTS BEING OBTAINED ARE LESS THAN DESIRABLE**

COVERAGE RATES:

Approx. 750 fasteners per gallon; 100 linear feet of seam at 4" wide and 40 wet mils per gallon.

LIMITATIONS AND PRECAUTIONS:

Avoid application over unintended areas; adhesive properties make removal difficult after product has cured on any surface. Avoid moisture contamination in sealed containers. Store in dry environment between 55° and 75°. **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: 79 ± 2% by weight
ASTM D1644

WEIGHT PER GALLON: 9.2 lb per gallon ± 0.2

FLASH POINT: 80° F

CLEAN UP: Xylene

SHELF LIFE: 90 days @ 40° - 90° F

VISCOSITY: 30,000 ± 10,000 cP

ELONGATION: 150% ± 50

HARDNESS: 69 Shore A

TENSILE STRENGTH: 240 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