



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



TECHNICAL DATA SHEET

ALDOSEAL 747 BUTYL SEALANT

PRODUCT DESCRIPTION:

ALDOSEAL 747 is a single component vapor retarder thermoplastic seam sealer specially formulated to provide a waterproof, weather resistant membrane with excellent permeability and ultraviolet protection. **ALDOSEAL 747** offers good elongation and tensile strength to resist lateral movement and allow for expansion and contraction of the substrate.

RECOMMENDED USES:

ALDOSEAL 747 is recommended as a protective vapor retarder seam sealer for a variety of situations, including all types of seams, fasteners, gaps between metal panels, gutters, vent pipe flashings, air conditioning units and expansion joints.

APPLICATION INSTRUCTIONS:

ALDOSEAL 747 may be applied by brush or by trowel. Apply **ALDOSEAL 747** only to clean, dry, sound surfaces free of loose particles or other foreign matter. Use **ALDOSEAL 1602 Butyl Seam Tape** or **ALDOFABRIC 272 Roofing Fabric** over larger cracks and seams. Apply tape over clean substrate or lay fabric into first layer of **ALDOSEAL 747** where possible, and then apply **ALDOSEAL 747** in one or more additional coats or ALDOCOAT coating of choice, limiting total wet mils to 40 or less to avoid mud cracking. Roof coating topcoat may be applied within 24 hours of sealant application. 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 seams at 4" wide and 40 wet mils.

LIMITATIONS AND PRECAUTIONS:

WARNING: This product contains VM & P Naphtha and Xylene. KEEP AWAY FROM HEAT, OPEN FLAME OR SPARKS. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT. Avoid breathing vapor or mist. Approved (MESA/NIOSH) chemical respirator and protective clothing must be worn by applicator and personnel in vicinity of the application. Mechanical exhaust ventilation may be required in enclosed areas. Positive pressure fresh air hose masks are required for interior applications.

TYPICAL PHYSICAL PROPERTIES

TOTAL SOLIDS: 56% ± 3% by weight
ASTM D1644

WEIGHT PER GALLON: 7.6 lbs per gallon ± 0.2

FLASH POINT: 68° F

CLEAN UP: Xylene

SHELF LIFE: 12 months @ 40°- 90° F

COLOR: White

VISCOSITY: 65,000 ± 15,000 cP

ELONGATION: 500% ± 50%

IMPACT RESISTANCE: exceeds 160b in/lb.

HARDNESS: 55 Shore A

TENSILE STRENGTH: 500 ± 50 psi

PERMEABILITY: .005 perm inch

VOC CONTENT: 461 grams/liter

SERVICE TEMPERATURE: -50° TO 200° F