

ALDOSEAL 399 FLASHING GRADE

PRODUCT DESCRIPTION:

ALDOSEAL 399 is a high solid, low VOC, one-part silicone elastomeric flashing grade specifically designed for use in sealing roof penetrations, curbs, seams, flashing areas and any other roof top areas of possible water infiltration. **ALDOSEAL 399** is also the sealant of choice for any roof system that has been previously coated with a silicone elastomeric coating. Once applied, this silicone flashing grade provides a durable, seamless and flexible system that resists lateral movement, shear and will allow for normal expansion and contraction. Mil for mil, **ALDOSEAL 399** provides greater waterproofing protection than similar flashing grade silicone sealants and offers increased resistance to moisture penetration.

RECOMMENDED USES:

ALDOSEAL 399 was specifically developed as a protective sealant for pipe boots, seams, flashing areas, curbs, exposed fasteners and all other breaches in a roof system that will allow water to enter a structure. With excellent adhesion to other silicone products, **ALDOSEAL 399** is proven to provide long term durability versus water based sealants.

APPLICATION INSTRUCTIONS:

ALDOSEAL 399 may be applied by soft brushes or trowels. Apply **ALDOSEAL 399** only to clean, dry, sound surfaces free of loose particles or other foreign matter. For best results, ambient temperature should be between 50-90°F. Higher temperatures will shorten the cure time and working time for proper application of granules before the material has skinned. Lower temperatures will lengthen the skin over, tack free and ultimate cure time. Sudden temperature declines may also result in dew formation on surfaces, which can prevent adhesion development. For best results, relative humidity should be above 20%. Lower humidity will slow the cure time significantly.

Apply **ALDOSEAL 399** at a rate of no greater than 50 wet mils. Minimum dry mil thickness shall be above 25 mils. Coverage rates PER GALLON: 750 fasteners; 100 linear feet of seam at 4" wide and 40 wet mils.

LIMITATIONS AND PRECAUTIONS:

Avoid contamination in sealed containers. Store away from heat and sources of ignition. Do not inhale vapor or mist; do not get on skin, in eyes or on clothing. Refer to SDS for more information

TYPICAL PHYSICAL PROPERTIES

TOTAL SOLIDS:

95% ± 3 by volume
ASTM D2697-3

WEIGHT PER GALLON:

10.7 lbs per gallon

FLASH POINT: >200° F**CLEAN UP SOLVENT:**

ALDOTHINNER II

SHELF LIFE: 12 months @ 50°- 85° F**VISCOSITY:** 150,000 cps**ELONGATION:** 275%**HARDNESS:** 50 ± 5 Shore A**TENSILE STRENGTH:** 130**PERMEABILITY:** 4.2 perms**SERVICE TEMPERATURE:**

-25° TO 175° F

THINNER: Not Recommended**CURE TIMES:** 12-18 Hours**TACK FREE:** 1-2 Hour**PACKAGE SIZE:** 2 gallon pails**VOC:** <50 grams per liter