



4101

POLYURETHANE SEALANT

TYPICAL PHYSICAL PROPERTIES

TOTAL SOLIDS: 79 ± 2% by weight ASTM D1644

WEIGHT PER GALLON: 9.2lb per gallon ± 0.2

FLASH POINT: 80°F

SHELF LIFE: 90 DAYS @ 40°- 90° F

CLEAN UP: Xylene

VISCOSITY: 30,000 ± 10,000 cP

ELONGATION: 150% ± 50

HARDNESS: 69 Shore A

TENSILE STRENGTH: 240 psi ± 25

PERMEABILITY: 0.02 perm inch

SERVICE TEMPERATURE: -50° - 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

PRODUCT DESCRIPTION

4101 POLYURETHANE SEALANT is a technologically advanced, high solids, single component moisture cure polyurethane elastomeric sealant. In addition, **4101** is a brush grade sealant and an excellent all-purpose sealer to address roof leaks on most roofing substrates. **4101** is produced in an aluminum gray color that allows for faster cure times than white sealants. Mil for mil, **4101** 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. **4101** offers a wider window of application than water based acrylic sealants.

RECOMMENDED USES

4101 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, **4101** is an ideal all-purpose sealant to quickly and permanently seal leak areas on virtually any roofing system.

GENERAL APPLICATION INSTRUCTIONS

4101 may be applied by heavy brush. Apply **4101** only to clean, dry, sound surfaces free of loose particles or other foreign matter. Base coats **MUST** be applied to **4101** coated sections within 48 hours to insure proper adhesion. Apply **4101** 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 or 150 fasteners per 20 oz sausage tube; 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.