



BUTYL 310

DESCRIPTION

Butyl 310 is a butyl rubber elastomeric coating providing excellent UV protection and superb resistance to moisture penetration. Once cured, this spray-applied polymer provides a durable, seamless, flexible, waterproof membrane that resists cracking and will allow for normal expansion and contraction of the roof structure. Butyl 310 works as a vapor-retardant coating, making it ideal for use over spray polyurethane foam in cold storage or freezer applications.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of roofing substrates
- Reflects 80-90% of the heat and harmful UV rays of the sun
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation
- Superior elongation and tensile strength
- Superior resistance to dirt pick-up—stays white longer and maintains reflectivity

BASIC USES

Butyl 310 is recommended as a protective vapor barrier coating to most surfaces as well as roof applications, including a variety of situations such as polyurethane foam, seams, fasteners, gutters, vent pipe flashings, air conditioning units and expansion joints. Ideal for metal buildings that may contain visible rust.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

This product is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 3000 p.s.i., 3 g.p.m. capacity with a #035-#040 tip
- Brush: High-quality synthetic bristle brush
- Roller: Long nap roller

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. Provide mechanical exhaust ventilation in enclosed areas. Positive pressure fresh air hose masks are required for interior applications.

TECHNICAL DATA

SOLIDS BY VOLUME:	40% by volume ASTM D2697
ELONGATION:	900% ± 100%
TENSILE STRENGTH:	1000 ± 100 psi
VISCOSITY:	2000-2500 cps
WEIGHT:	7.0 lbs. per gallon
FLASH POINT:	68° F
HARDNESS:	45 Shore A
PERMEABILITY:	0.181 perms
RECOMMENDED COVERAGE:	Depends on substrate. See application guidelines for each surface.
VOC:	<500 Grams/Liter
MINIMUM APPLICATION TEMP:	32° F
DRY TIME:	1-4 hours
SERVICE TEMPERATURE:	-50° to 200° F
SHELF LIFE:	12 months @ 40°F-90°F
CLEAN UP:	Xylene
COLOR:	White, gray, tan
PACKAGING:	55 gallon, 5 gallon

SAFETY INFORMATION

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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