



PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET

Butyl Coating 310

DESCRIPTION

AWS Butyl 310 is a butyl rubber elastomeric coating providing excellent UV protection and superb resistance to any moisture penetration. Once cured, this sprayed applied polymer provides a durable, seamless flexible waterproof membrane that resists cracking and will allow for the normal expansion and contraction that may take place within the surface of the structure. Butyl 310 is also 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 helps stay 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.

Butyl 310 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: Good 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.



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WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White
Viscosity:	2000-2500 cps
Tensile Strength:	1000 ± 50 psi
Elongation:	900% ± 50%
Total Solids:	40% ± 2%
Flash Point:	68° F
Hardness:	45 Shore A
Recoat	4-10 hours
Permeance:	0.181 perms
Coverage:	2.5 gallons per 100 sq.ft. yields 17 dry mils 3.5 gallons per 100 sq.ft. yields 23 dry mils
Recommended Coverage:	Depends on substrate. See application specifications for each surface.
Shelf Life:	12 months @ 40°F-90°F
Weight:	7.0 lbs. per gallon
Clean Up:	Xylene
Service Temperature:	-50° to 200° F