

ADSEAL 1470 BUTYL RUBBER SEALING & STANDING SEAM COMPOUND

DESCRIPTION

ADSEAL 1470 is a high solid, non-drying, self-healing synthetic rubber-based sealant for reducing sound and vapor transmission, standing roof seams, wall panels, insulated metal panel and metal building construction. Provides excellent adhesion to ZINCALUME®, KYNAR500®, stainless steel, polyvinylidene fluoride, Galvalume®, Galvalume® Plus, aluminum, concrete, gypsum, wood surfaces, foam boards, plastic, and fiberglass. ADSEAL 1470 is a VOC compliant, non-drying, non-bleeding formula which remains flexible to form a long-lasting resilient seal. This non-webbing formulation exhibits excellent tackiness for permanent bonding. ADSEAL 1470 contains an anti-microbial agent which inhibits the growth of mildew and bacteria.

SPECIFICATIONS

- ASTM E2140-01 Standard Test Method for Water Penetration of Metal Roof Panels by Static Water
- Pressure Head
- ASTM E1646-95 (2003) Standard Test Method for Water Penetration of Exterior Metal Roof Panel
- Systems by Uniform Static Air Pressure Difference
- ASTM E1680-95 (2003) Standard Test Method for Rate of Air Leakage Through Exterior Metal Roof
- Panel Systems
- Federal Specification TT-C-1796A for Caulking Compounds, Metal Seam, and Wood Seam (Type I)

PHYSICAL PROPERTIES

Test description	Standard	Unit	Results
Color			White or grey
Viscosity	cPs	Million	2,4 to 3 M cPs
Extrudability		Second	26 per 20 grams through 0.125" orifice @ 50psi
VOC Content	EPA Method 24	%	3.47
Low-temperature flexibility	AAMA 800		No loss of adhesion
Weight loss	ASTM D2453	%	5 to 8
Boeing Flow	ASTM D1002		None
Specific Gravity	ASTM D1475	Kg/L	1.52 to 1.58
Solids	ASTM C681	%	93.5 to 96.5
Heat Aging			No loss of surface tack or adhesion
Weathering (1000 hours QUV exposure)	ASTM G154		No cracking, bleeding, or loss of rubbery characteristics
Oil Migration	AAMA 809 and TT-C-1796A		Does not exude oil when applied between two metal panels bolted together allowing 1/16" seal.
Adhesion (ASTM C794)	ASTM C794		Excellent
Wet flammability	ASTM D56	°F (°C)	158 (70) Flash Point
Resealability			Sealant will reseal and transfer to male joint at 10°F
Application Temperature		°F (°C)	-5 to 120 (-20 to 49)
Service Temperature		°F (°C)	-100 to 200 (38 to 93)
Non-Staining	ASTM D925 Method A		Sealant will not stain a painted surface

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APPLICATION

Potential applications include sealing base track to slab, polyethylene vapor barrier sheet overlaps, insulated panel top caps and panel joints. Surfaces must be clean, dry, and free of dust or other foreign matter. Keep ADSEAL 1470 from sight line when painting is necessary. Some applications may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended.

PACKAGING

- 10.1 oz. (300 ml) cartridges
- 20 oz. (600 ml) sausage packs
- 5 gallon straight side plastic pails
- 55 gallon drums with poly liner

STORAGE

For maximum shelf-life, store unopened product at or below 90°F (32°C) 24 months minimum in unopened containers.

CAUTION

CAUTION: COMBUSTIBLE LIQUID & VAPOR. Contains mineral spirits. Keep away from heat and flame. Avoid skin contact. Wash thoroughly after handling. Avoid breathing vapor. Use with adequate ventilation. Do not take internally. See SDS (Safety Data Sheet) for additional information. Keep out of reach of children.

IMPORTANT

READ CAREFULLY

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

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