

TAM-PRO® 856 PREMIUM SBS ADHESIVE

PRODUCT DATA

DESCRIPTION

A proprietary formulation consisting of select roofer's flux asphalt, prime quick-setting VOC-compliant petroleum solvents, reinforcing minifibers, and styrene-butadiene-styrene (SBS) rubberized polymers blended to a brush-/squeegee-grade consistency. **100% ASBESTOS FREE!**

USES

To adhere SBS-modified bitumen membranes to the substrate, typically a coated fiberglass base sheet. The substrate to receive the adhesive must be smooth. Irregularities may cause voids, thus inhibiting proper bonding.

APPLICATION

Apply with a notched squeegee (notches 1/4" wide, 1/8" deep and spaced 1" on center), a stiff bristle brush at the rate of 1.5 gallons per 100 sq.ft.

APPLICABLE STANDARDS

Exceeds ASTM D 3019, Type III Standard Specification for Lap Cement Used with Asphalt Roll Roofing, CGSB 37-GP-56M, Miami-Dade County Product Control Approved NOA 08-0423.16 Expiration Date 07/24/13 U.L. Classified



PRODUCT NUMBER

30001338 – 3 GAL – Green Cove Springs FL
 30001339 – 5 GAL – Green Cove Springs FL
 30002193 – 3 GAL – Columbus KS
 30002194 – 5 GAL – Columbus KS
 30001341 – 55 GAL – Columbus KS

TYPICAL PHYSICAL PROPERTIES*

	MIN	MAX	METHOD
Total solids (non-volatile), %	65	--	D 4479
Flash Point, F	100	--	D 93
Lap Strength/Shear, lbs/in. ²	27.8	--	D 3019
Low Temperature Flexibility			Meets D 4479
Open time, minutes	5	30	--
Dry time @ 77 F			
Tack, minutes	30	--	--
To touch, minutes	90	--	--
Cure time @ 77 F			
2 hours, lbs./in. ²	3.6	--	D 3019 [†]
24 hours, lbs./in. ²	13.8	--	D 3019 [†]
5 days, lbs./in. ²	16.5	--	37-GP-56M ^{2††}
Fully cured, lbs./in. ²	21.3	--	37-GP-56M ^{2††}
VOC, grams/litre	--	500	

NOTE: [†]ASTM D 3019 requires minimum bond strength of 4.25 lbs./in.² after 24 hours.

^{††}37-GP-56M is the CGSB (Canadian General Standards Board) "Standard for: Membrane, Modified, Bitumenous, Prefabricated, and Reinforced for Roofing" which sets minimum Lap Joint Strength @ 8.2 lbs./in.².

*All values stated as nominal

For Technical Services call 800-641-4691.

Central District	220 West 4th Street, Joplin, Missouri 64801	800-641-4691
Northeast District	4500 Tamko Drive, Frederick, Maryland 21701	800-368-2055
Southeast District	2300 35th Street, Tuscaloosa, Alabama 35401	800-228-2656
Southwest District	7910 South Central Expressway, Dallas, Texas 75216	800-443-1834
Western District	5300 East 43rd Avenue, Denver, Colorado 80216	800-530-8868

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CAUTION: This product contains crystalline silica. Crystalline silica has been classified as a "known" human carcinogen by the International Agency for Research on Cancer (IARC) and the National Toxicology Program. This product also contains cutback asphalt. IARC has classified "extracts of steam and air-refined bitumens" (cutback asphalt) as "possibly carcinogenic to humans." The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing fumes and contact with skin.

ADDITIONAL APPLICATION INFORMATION

As in all roofing systems, proper membrane lap construction is critical. It is essential that laps receive the proper amount of adhesive and a slightly thicker application rate in these areas is acceptable. Ensure the adhesive is visible at all completed lap edges and ends. Once laps are adhered, gently roll or press the laps to ensure good bonding. **CAUTION:** Too much pressure on the roller may force adhesive out and cause premature system failure. Alternately, lap seaming by hot air welding may be acceptable; consult the membrane manufacturer.

In addition to adhesive, backnailing is required of the SBS Modified Bitumen membrane on roof slopes greater than 3/4" in 12". Some SBS membrane manufacturers may require backnailing at lower slopes. Check membrane manufacturers application recommendations.

PRECAUTIONS

- * DO NOT HEAT! DO NOT THIN.
- * Excessive foot traffic on recently applied systems may cause voids, poor bonding or premature system failure.
- * Excessive adhesive application (greater than 1.5 gallons per 100 sq.ft.) may cause membrane blisters, slippage and/or granule loss.
- * Application at 50 F or less inhibits drying time and may inhibit proper bonding.
- * NOT FOR USE with APP (Atactic Polypropylene) or membranes which have a plastic or polyethylene backing.
- * APPLY OUTSIDE AND IN A WELL VENTILATED AREA. DO NOT USE ON HOMES WITH POORLY VENTED OR NO ATTIC SPACE.

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