



Aluma Flash *PLUS* A+ Wall System

Self-Adhering Air and Weather Resistant
Barrier with Extended UV Protection
*for Construction Assemblies in Climate Zones 1, 2, and 3a**

SAMPLE KIT

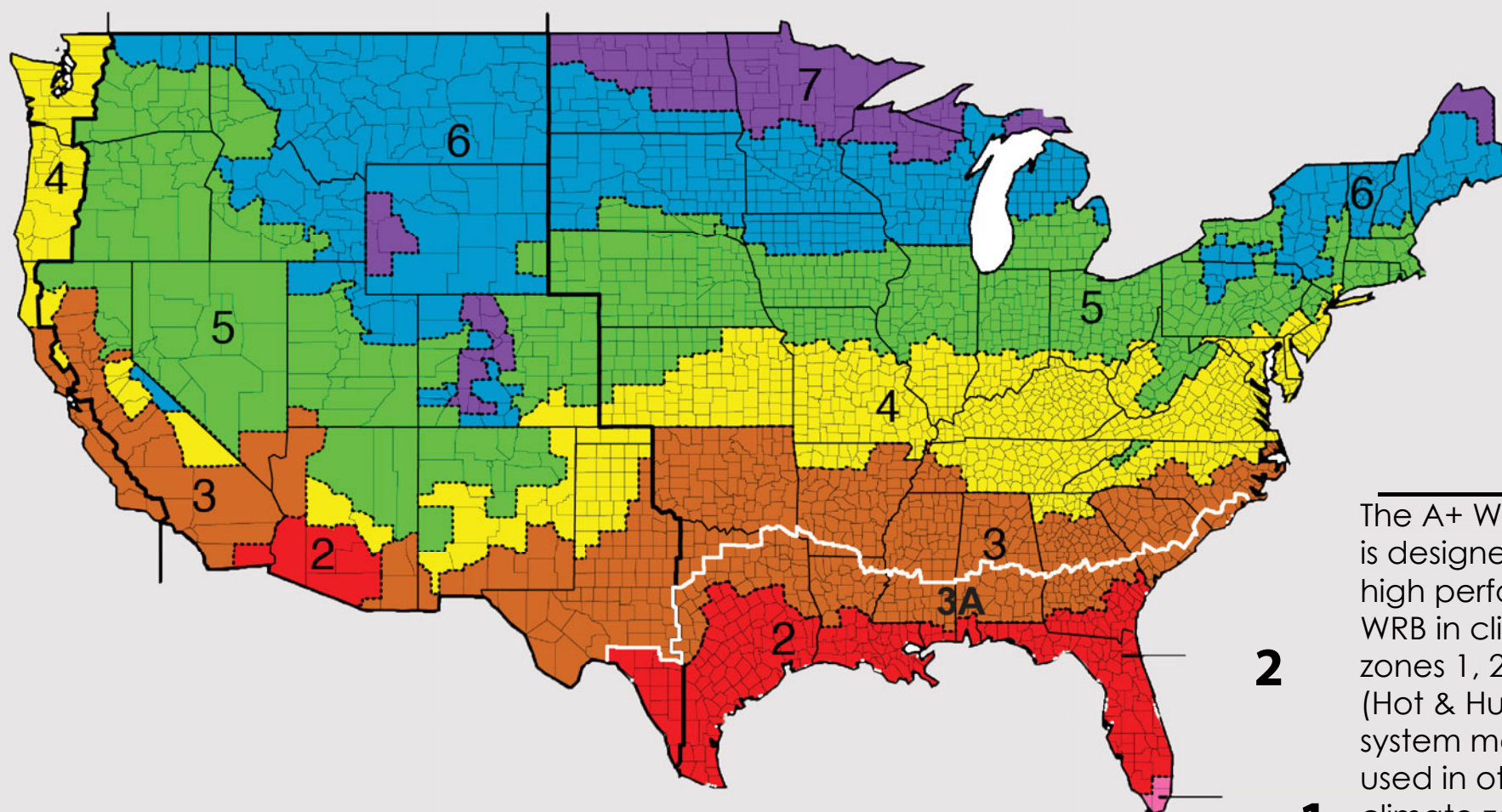


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Marine (C)

Dry (B)

Moist (A)



Zone 1 includes Hawaii, Guam, Puerto Rico, and the Virgin Islands

2
1

The A+ Wall System is designed as a high performance WRB in climate zones 1, 2 and 3a (Hot & Humid). *This system may be used in other climate zones when the HVAC system and insulation envelope have determined by the proper dew point analysis

And the Building Science Says:

Keeping air and water (both vapor and fluid) away from and out of residential structures is the key factor to the longevity of buildings and the health and safety of their occupants. While there are unique climate zones covering the United States, climate Zones 1, 2 and 3A (Hot & Humid) historically receive the highest rainfall totals of anywhere in the nation. Builders in these zones are challenged in keeping both bulk water and moisture laden air out of their buildings. Initially developed and tested in Austin, TX Poly Wall's A+ Wall System creates an impermeable Weather Resistant Barrier envelope that denies bulk water or vapor access to the wall cavity. With no water and lower humidity in the wall, potential for condensation, mold and rot are virtually eliminated. Extensive WUFI analysis modeling structures in Austin, TX, Houston, TX, Miami, FL and Birmingham, AL over a 10 year cycle bare these results out. The test cases: 1) no evidence of long-term moisture accumulation of individual components, 2) Predicted Mold Index below 3 (lowest visible) based of the latest VVT(Viitanen) model and 3) no evidence of long-term moisture accumulation in the assembly. Air is stopped, moisture is stopped creating a longer lasting, healthier and a more energy efficient building structure. A win-win for builders and owners of this generation and the next!

Blue Barrier® Joint Filler 2200

Available in 10.01 oz caulk tubes and 20 oz. sausage tube

- Large joint and seam filler: Bridges gaps up to 3/4-inch on multiple substrates
- Superior shore hardness: Prevents filler wear and tear
- Exceptional adhesion: Bonds to multiple substrates
- Non-sag: Creates a better and cleaner application bead
- Environmentally friendly: Solvent free, isocyanate free and low VOC
- Advanced proprietary technology: Provides superior adhesion
- Wet surface applications: Bonds and cures in wet conditions



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Aluma Flash *PLUS*

Available in 6" x 75', 9" x 75', 12" x 75' and 36" x 33.3'

- Resists sunlight and most chemicals
- UV resistant for up to two years
- Waterproof
- Adheres well
- If the building moves slightly, this elastomeric material will stretch and not tear
- Fast and simple to install



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Aluma Flash™ PLUS Membrane Properties

PROPERTY	TEST METHODS	RESULTS
Thickness - mils (mm)		40
Water Vapor Transmission US perms (g/Pa-s-m ²)	ASTM E 96 B	0.014
Peel Adhesion to Primed-lb/in.width (N/mm)	ASTM D 1000	15.0
Tensile Strength Film - PSI (N/mm ²)	ASTM D 882 (Method A)	5000
Elongation - Ultimate Failure of Rubberized Asphalt - %	ASTM D 412 (Modified Die C)	> 85
Low Temperature Pliability @ -15° F (-26°C)	ASTM D 146 (Modified)	no effect

Aluma Flash™ PLUS (40 mil) pkg.

ROLL SIZES	ROLLS/BX	SF/BOX	LBS/BOX	BOXES/PALLETS
6" x 75'	6	225	68	36
9" x 75'	4	225	68	36
12" x 75'	3	225	68	36
36" x 33.3'	1	100	31	42

LIMITATIONS: Make sure caulks, and sealants which might come into contact with adhesive portion of rubberized asphalt do not contain plasticizers or solvents. This includes most polyurethane and silicone caulks. Cover membrane with choice of siding and trim within 2 years of installation. Aluma Flash™ PLUS should not be applied to flexible PVC film or surfaces.

Installation of the A+ Wall System beyond Climate Zones 1, 2 and 3a should only be used with a properly designed HVAC System and Insulation package that have determined by the proper dew point analysis.

LIMITED WARRANTY: We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace, at no charge, proven defective product within twelve (12) months of purchase, provided it has been applied in accordance within our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided.

MINIMUM STORAGE REQUIREMENTS: Membrane and accessories should be unloaded and stored carefully. Protect cartons and containers from weather, sparks, flames, excessive heat, cold and lack of ventilation. DO NOT double stack pallets. Store cartons on pallets and cover to prevent water damage. For best results, store membrane above 50°F (10°C) until just prior to application.



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