



Application Specification # AC-412-9MD

ASTEC #900 System Exterior Metal Walls *w/Dark Colored Ceramic*

2/17/04

ALL GENERAL REQUIREMENTS AND ARCHITECTURAL DETAILS ARE PART OF THIS SPECIFICATION

1. **PRESSURE WASH** to achieve a clean, dry surface free of primer and any other contaminants. Some surfaces may require multiple passes of pressure washing to ensure adhesion of the **ASTEC Coating System**. Treat new metal with TSP and mildew areas with bleach solution and rinse.

2. **FASTENERS**, screws and fastening devices are first tightened or replaced so that all metal sections are firmly held and all joining sections closed. Then rusted fasteners are primed with **ASTEC B-16-71 Metal Primer**.

3. **RUST PRIME** all corroded surfaces. Scaling rust is first removed by scraping or by mechanical wire brush. Follow with a minimum two-coat application of **ASTEC B-16-71 Metal Primer** applied to the roof surface at an minimum average coverage rate of 300 sf/gal per coat over the rusted areas.

4. **Apply ASTEC #4000 Surface Conditioner** at a rate of 200 sq/ft per cut gallon over entire areas of previously coated, painted, factory applied color, or surfaces with silver aluminum coatings to provide proper adhesion of the subsequent coatings.

4. **CAULK** all exposed cracks and seams with **ASTEC #2001 Acrylic Latex Caulk**, or other 100% acrylic or urethane caulking. Optionally, in gaps and cracks 1/8" or less in width, brush in **ASTEC WPM #9 BRUSH & ROLL**.

5. **REINFORCE WATERPROOFING** of vertical seams, where required with 2" wide polyester cloth embedded into an 4" wide wet coat of **WPM #9 B&R** spread along the seams. Cover all cloth work with a second coat of **WPM #9 B&R**

overlapping 1" on each side at an average rate of 82sf/gal per coat. 9See Note 1)

6. **APPLY WHITE ASTEC B-16-71 MIST COAT** on hot wall surfaces of 150 degrees or more at an average coverage rate of 250 sf/gal. To lower surface temperature and improve the finished appearance.

7. **APPLY ASTEC #900 CERAMIC FINISH COATS** over the entire wall surface. An application at an average rate of 110-145 sf/gal. Results in a protective coating of 6-8 mils DFT.

Note:

1. **ASTEC WPM #10**, applied at a rate of 25 sq/ft per gallon (40 mils DFT) is an approved equal and will be accepted as an alternative to using **ASTEC WPM #9** and polyester cloth on seams. **ASTEC #101 Accelerator** may be added to **WPM #10** to enhance cure time. (*Mixing ratio is critical. See appropriate product specifications for proper use*)