



Exterior Masonry Tilt Up Walls
Astec #900 Sidewall System

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**.
- 2. FILL** all small routed cracks, seams, and indentations under 1/16" with **ASTEC WPM #9 Waterproof Membrane** or grout with polymerized grouting, and struck smooth.
- 3. CRACKS** exceeding 1/16" wide shall be saw cut or routed. Caulk all routed cracks and seams with **ASTEC #2001 Acrylic Latex Caulk**, or other 100% acrylic or urethane caulking.
- 4. PRIME** new concrete surfaces, after proper cleaning, with **ASTEC CMCE Surface Conditioner**. Surface should be clean and dry, including all grouting and caulking which needs to be minimally dry to the touch (1-2 hours). For proper penetration **ASTEC CMCE Surface Conditioner** should be cut 1 to 1 with water.
- 5. 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. **ASTEC #4000 Surface Conditioner** should be cut 1 to 1 with water.
- 6. INSPECT SURFACE AREA** again to be sure it is clean, dry and free of dust or dirt. Allow 1-2 hours for surface conditioner to dry before continuing.
- 6. APPLY ASTEC WPM #9 WATERPROOF COAT** over entire wall surface at an average

coverage rate of 75 to 85 sf/gal by brush, roller or sprayer.

- 7. INSPECT THE WATERPROOFING COAT** for coverage and surface absorption. Some porous or heavily textured surfaces may require additional coats to achieve uniform thickness.
- 8. APPLY ASTEC #900 CERAMIC COATING** over the entire wall surface at an average coverage rate of 80 sf/gal. resulting in a combined system of no less than 15 mils DFT.

NOTES:

1. New concrete should be allowed to sun cure for a minimum of 45 days.
2. ASTEC #4000 Surface Conditioner should be applied after cleaning and before any other product application including caulk used for crack repair.
3. ASTEC WPM #9 and ASTEC #900 may require back rolling in areas where the surface is not uniform.