



**ASTEC # 900 System
Masonry Rampart Walls**

2/17/04

**ALL GENERAL REQUIREMENTS
AND ARCHITECTURAL DETAILS ARE
PART OF THIS SPECIFICATION**

- 1. Prepare Surface** to achieve a clean sound dry surface free of dirt, oil, residues, and other contaminants. Neutralize mold and/or mildew areas with a 50/50 bleach and water solution and rinse.
- 2. FILL** all small routed cracks, seams, and indentations under 1/16" with **ASTEC WPM #9 Waterproof Membrane**, or grouted 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. It may be applied by brush, roller or spray. For wide area coverage use airless spray equipment with carbide or tungsten steel reversible tips ranging in size from .017 to .021. Usually one coat of 1 mil average is sufficient which equates to 400 sf per cut gallon.
- 5. 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 #900 CERAMIC COAT** over the entire wall surface at an coverage rate of 110-145 sf/gal. resulting in a 6-8 mils DFT.

NOTES:

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