

12 March, 2024

Addendum 2

Martin and Carteret County Salt Sheds

Martin SCO #: 21-23599-01A

Carteret SCO #: 21-23601-01-A

The following addendum shall supersede previous information and does hereby become part of the contract documents.

- See attached specification for Fluid Applied Waterproofing to be used where emulsified asphalt is called for on the drawing. (CRS tack coat will also be acceptable)
- Clarification: Concrete for walls and slabs to be minimum 5000 psi.

End of Addendum 2

SECTION 07 1400
FLUID-APPLIED WATERPROOFING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fluid applied membrane waterproofing.

1.02 REFERENCE STANDARDS

- A. ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers--Tension; 2006a (Reapproved 2013).
- B. ASTM D4541 - Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers; 2009.
- C. ASTM E96/E96M - Standard Test Methods for Water Vapor Transmission of Materials; 2014.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data for membrane, surface conditioner, flexible flashings, joint cover sheet, and joint and crack sealants.

PART 2 PRODUCTS

2.01 MEMBRANE AND FLASHING MATERIALS

- A. Water-Based Asphalt Emulsion Waterproofing:
 - 1. Cured Thickness: 60 mils (0.060 inches), minimum.
 - 2. Suitable for installation over concrete substrates.
 - 3. Elongation: 1000 percent, measured in accordance with ASTM D412.
 - 4. Water Vapor Permeability: 0.02 perm inch, measured in accordance with ASTM E96/E96M.
 - 5. Peel Adhesion: According to ASTM D412, for the following substrates.
 - a. Concrete and Concrete Masonry: 14.1 pound-inches.
 - 6. Adhesion: Greater than 150 psi, measured in accordance with ASTM D4541.
 - 7. Products:
 - a. Carlisle Coatings & Waterproofing, Inc.; BarriCoat-R: www.carlisleccw.com/sle.
 - b. Epro Waterproofing Systems; ECOLINE-R: www.eproserv.com.
 - c. W.R. Meadows, Inc; MEL-ROL LM: www.wrmeadows.com.
 - d. Parex USA, Inc; WeatherSeal BG: www.parexusa.com.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify substrate surfaces are free of frozen matter, dampness, loose particles, cracks, pits, projections, penetrations, or foreign matter detrimental to adhesion or application of waterproofing system.
- C. Verify that substrate surfaces are smooth, free of honeycomb or pitting, and not detrimental to full contact bond of waterproofing materials.

3.02 PREPARATION

- A. Protect adjacent surfaces not designated to receive waterproofing.
- B. Clean and prepare surfaces to receive waterproofing in accordance with manufacturer's instructions.

3.03 INSTALLATION

- A. Apply waterproofing in accordance with manufacturer's instructions to specified minimum thickness.

- B. Apply primer or surface conditioner at a rate recommended by manufacturer. Protect conditioner from rain or frost until dry.
- C. Seal membrane and flashings to adjoining surfaces. Install termination bar at all edges. Install counterflashing over all exposed edges.

END OF SECTION