

**SECTION 07 14 16
FLUID APPLIED WATERPROOFING (SOLVENT BASED)
SUBMERGED WALLS**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fluid applied flexible reinforced rubber based waterproofing system for Submerged Walls.

1.2 RELATED SECTIONS

- A. Section 03300 Cast in place Concrete
- B. Section 04300 Unit Masonry System
- C. Section 07900 Joint Sealers.

1.3 REFERRALS

- A. ASTM G26 Practice for Operating Light Exposure Apparatus (Xenon Arc Type) With and Without Water for Exposure of Non Metallic Surfaces.
- B. ASTM E96 Water Vapor Transmission of Materials.

1.5 SUBMITTALS

- A. Product Data: Provide data for material description, physical properties, recommended storage conditions, shelf life, precautions, flexible flashings, and joint and crack sealants with temperature range for application of dampproofing membrane.
- B. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention

1.5 QUALIFICATIONS

- A. Applicator: Company specializing in performing the work of this section approved by manufacturer.
- B. Manufacturer: Company shall have been in business and shall have had experience in manufacturing these products for a minimum of 15 years.

1.6 REGULATORY REQUIREMENTS

- A. CT Products are Naphtha based and are **HIGHLY FLAMMABLE!**
- B. CT Products **MUST** be **POURED** out of the bucket then applied. **DO NOT** plunge roller into bucket, as static electricity from the roller may start a fire.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's unopened and undamaged containers bearing the following information:
 - 1. Name of manufacturer
 - 2. Name of contents and products code
 - 3. Net volume of contents
 - 4. Lot or batch number
 - 5. Storage temperature limits
 - 6. Shelf life expiration date
 - 7. Mixing instructions and proportions of contents
 - 8. Safety information and instructions
- B. Store and protect materials from damage and weather in accordance with manufacturer's instructions.
- C. Store materials at temperatures between 40°F and 90°F. Keep out of direct sunlight.
- D. Support stored material containers on pallets and cover with tarpaulin tied to bottom of pallets.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify substrate surfaces are durable; free of frozen matter, dampness, loose particles, cracks, pits, projections, or foreign matter detrimental to adhesion or application of damp-proofing system.
- B. Verify that substrate surfaces are smooth, and not detrimental to full contact bond of damp-proofing material.

3.2 PREPARATION

- A. Protect adjacent surfaces not designated to receive waterproofing.
- B. Clean and prepare surfaces to receive waterproofing by removing all loose and flaking particles, grease and laitance.
- C. Do not apply water-repellent coating to surfaces unacceptable to manufacturer.

3.3 APPLICATION

- A. Apply primer(s), if applicable, depending upon surface conditions. Allow to dry.
- B. Apply 3/8" triangular bead of Adhesive Sealant at internal corners.
- C. Apply Base Coat, Flashing Fabric and Saturation Coat over cracks, flashings, non-working joints and cold joints at 30 sq.ft./gallon. Allow to dry.
- D. Apply Base Coat, Field Fabric and Saturation Coat at 30 sq.ft./gallon over the entire area. Overlap adjacent runs of fabric 3" minimum. Allow to dry.
- E. Apply two coats of Finish Coat over the entire area at 140 sq.ft./gallon per coat. Allow to dry between coats.
- F. Waterproofing system should be a minimum of 40 mils total cured thickness and allowed to cure 7 days before installing Drainage System.
- G. Install the Drainage System from the footing to a minimum of 6" above grade. Back fill to hold into place.

3.4 CLEANING

- A. Immediately clean adjacent areas not scheduled to receive waterproofing in accordance with manufacturer's recommendations.

3.5 PROTECTION OF FINISHED WORK

- A. Protect finished waterproofing from weather until cured.

END OF SECTION

IMPORTANT NOTE: Always check our website, www.sealoflex.com to determine if the printed literature you are reading is the most current version available.