

SECTION 07120

FLUID APPLIED WATERPROOFING (FOR CAVITY WALL CONSTRUCTION)

Updated – December 4, 2007

PART 1 **GENERAL**

1.1 SECTION INCLUDES

1. Fluid applied flexible acrylic waterproofing system over masonry in cavity wall construction.

1.2 SUBMITTALS

1. Shop Drawings: Indicate special joint or termination conditions and conditions of interface with other materials.
2. Product Data: Provide data for material description, physical properties, recommended storage conditions, shelf life, precautions, flexible flashings, joint cover sheet, and joint and crack sealant, with temperature range for application of damp-proofing membrane.
3. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

1.3 QUALIFICATIONS

1. Applicator: Company specializing in performing the work of this section approved by manufacturer.

1.4 DELIVERY, STORAGE, AND HANDLING

1. 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. VOC content
 6. Storage temperature limits.
 7. Shelf life expiration date.
 8. Mixing instructions and proportions of contents.
 9. Safety information and instructions.

2. Store and protect materials from damage and weather in accordance with manufacturer's instructions.
3. Store materials at temperatures between 50 and 90 degrees F (10 and 32 degrees C). Keep out of direct sunlight.
4. Support stored material containers on pallets and cover with tarpaulin tied to bottom of pallets.

1.5 ENVIRONMENTAL REQUIREMENTS

1. Do not apply if ambient temperatures are expected to fall below 40 degrees F (5 degrees C) or if rain is imminent before the application has time to cure.

1.6 WARRANTY

1. Provide five-year manufacturer's product warranty.

PART 2 PRODUCTS

2.1 MANUFACTURER

- | | | |
|----------------------------|------------|--------------------|
| 1. Hydro-Stop, LLC | Toll Free: | (800) 739-5566 |
| 1465 Pipefitter Street | Phone: | (843) 745-9600 |
| North Charleston, SC 29405 | Fax: | (843) 745-9602 |
| | Web: | www.hydro-stop.com |

2.2 MEMBRANE COMPOUND MATERIAL

1. Waterproofing Material: BarrierGuard acrylic modified cementous waterproofing coating for masonry containing retarders and water reducing agents.

2.3 ACCESSORIES

1. Mortar Patching Material: BarrierGuard patching mortar.
2. HydroFiber: Bulking material used in conjunction with Foundation Coat or BarrierGuard slurry (as specified by Hydro-Stop Technical Representative) to fill cracks, voids, or low depressions on various substrates.
3. StableRust Primer: water based surfactant-free primer used in direct metal applications to stabilize and protect metal surfaces.

PART 3 EXECUTION

3.1 EXAMINATION

1. 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.
2. Verify that substrate surfaces are smooth and not detrimental to full contact bond of damp-proofing materials.

3.2 PREPARATION

1. Protect adjacent surfaces not designated to receive waterproofing.
2. Clean and prepare surfaces to receive waterproofing by removing all loose and flaking particles, grease and laitence.
3. Do not apply waterproofing to surfaces unacceptable to manufacturer.
4. Seal damaged mortar, cracks, and joints with mortar patching material in accordance with manufacturer's instructions.

3.3 APPLICATION

1. Mix waterproofing slurry in accordance with manufacturer's instructions. Apply slurry at a coverage rate of 120-sq. ft/gal (2.9 sq. m/L) per coat. 2 coat required minimum.
2. Thoroughly work coating materials into joints, crevices, and open spaces.

3.4 CLEANING

1. Immediately clean adjacent work not scheduled to receive damp proofing in accordance with manufacturer's instructions.

END OF SECTION