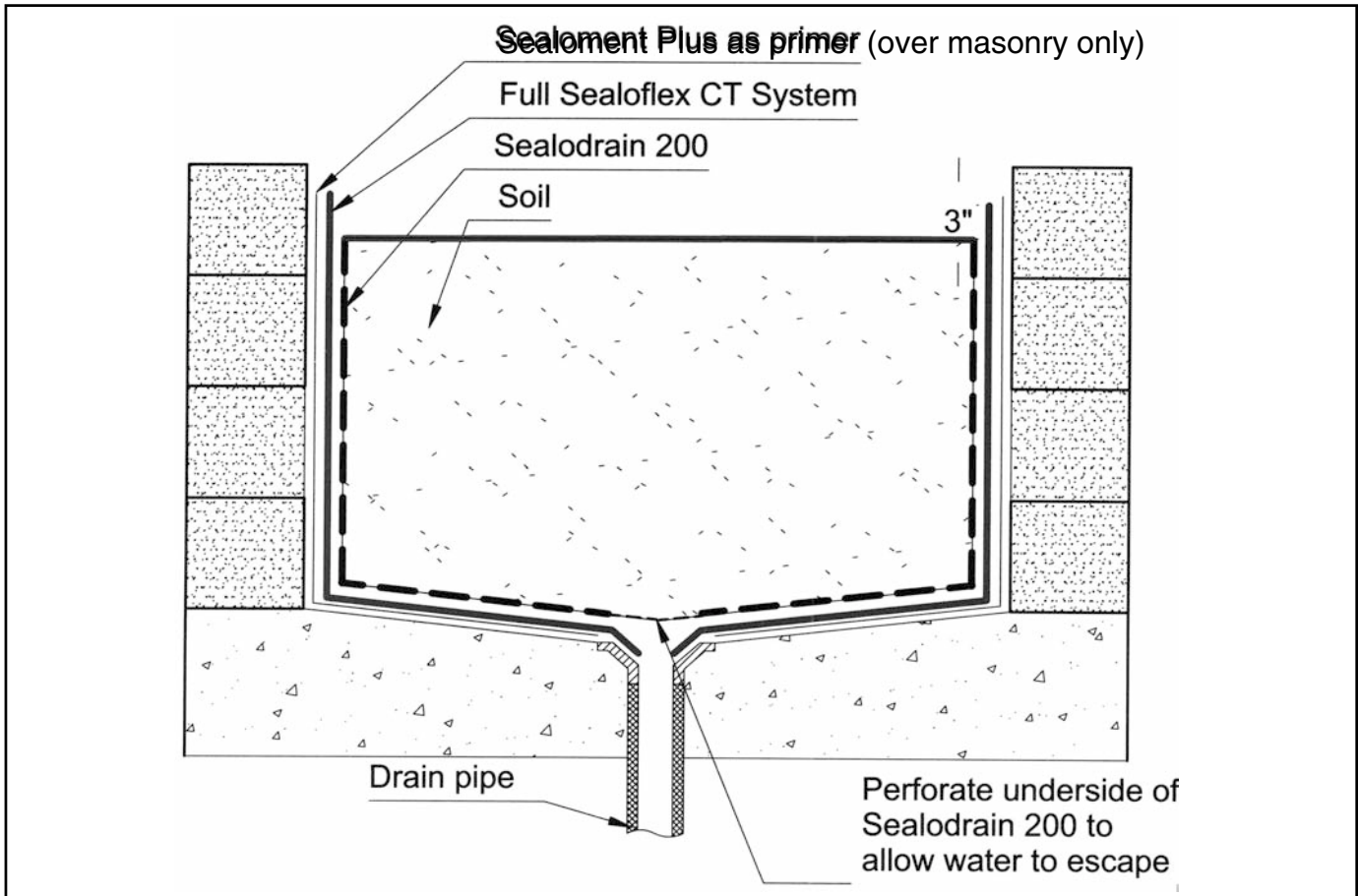


2.3.4 Planters

Application Guide



In this section the planters can be divided into three specific categories:

- Wooden Surfaces
- Existing Planters with previous waterproofing
- New Masonry Surfaces

Preparation

Wooden Planters

The Sealoflex CT System™ may be applied directly to the boards forming the interior of the planter. Ensure that the wooden surfaces are clean, dry and free of loose particles.

Existing Planters

Remove all loose and unadhered material from the interior walls of the planter and clean thoroughly.

Masonry Walls

Dampen interior surfaces thoroughly and apply a generous coat of Sealoment Plus™. Allow to cure for 72 hours before applying the Sealoflex CT System™.

Application

Waterproofing System

Ensure that the surfaces are **completely dry** before applying the Sealoflex CT System™.

- Precut lengths of 40" wide Sealoflex Fabric™ to suit the wall and floor surfaces of the planter. Fabric must be sufficiently long to overlap adjacent runs of fabric by a minimum of 3" and also should terminate 3" above the intended soil level.

- Using brush or roller apply a moderate coat of Sealoflex Pink CT™ to the wall surface of a vertical 40" band continuing onto the floor by at least 3". Immediately embed the pre-cut fabric into the wet Sealoflex Pink CT™ (as if applying wall paper) using gloved hands or a dry brush. Ensure that any bubbles or wrinkles are smoothed out at this point. Adjacent runs of fabric are applied in the same way overlapping by at least 3" each time. Likewise treat the floor of the planter. At the drain outlet, star cut the fabric over the drain opening and adhere the cut excess fabric down into the drain opening. Cut further small appropriately shaped pieces of fabric to further seal the

SEALOFLEX INC.

CORPORATE OFFICES

2516 Oscar Johnson Drive
Charleston, SC 29405

Tel: (843) 554-6466

(800) 770-6466

Fax: (843) 554-6458

Website-www.sealoflex.com

E-mail: info@sealoflex.com

SALES OFFICES

CHARLESTON, SC

HAMBURG, GERMANY

Sealoflex®

Waterproofing Systems

LIMITED WARRANTY

Sealoflex warrants its products to be free of manufacturing defects and that they will meet Sealoflex's current published physical properties when applied in accordance with Sealoflex's directions. There are no other warranties by Sealoflex of any nature whatsoever, expressed or implied, including any warranty of merchantability of fitness for a particular purpose in connection with this product. Sealoflex Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty whether expressed or implied, including any warranty of merchantability of fitness for a particular purpose or from any other cause whatsoever.

June 2003

waterproofing system into the drain interior. Continue until the entire interior area of the planter is covered in this way. Allow to dry.

- Again using brush or roller, apply a generous coat of Sealoflex Pink CT™ to the top of the fabric in order to fully saturate the fabric. Allow to dry.
- Now apply 2 coats of Sealoflex CT Top™ to the entire area, and allow to cure for 24 hours before covering with Sealodrain 200 and filling with soil.

Drainage System

- Precut sheets of Sealodrain 200 to accurately fit the planter surfaces, such that the top edge of the Sealodrain 200 will protrude 1" above the intended soil level. Where possible, allow the Sealodrain 200 to remain continuous from the wall to the floor. At the intersection line of the floor/wall planes cut the dimpled plastic back of the Sealodrain 200, without cutting the geofabric top surface. This will allow the Sealodrain 200 to make the transition from one plane to another.
- It may be necessary to adhere the individual pieces of Sealodrain 200 to the walls, as a temporary measure. Should this be the case **use only** single component polyurethane caulks or adhesives. **DO NOT** use solvent containing caulks or adhesives.
- Where two separate pieces of Sealodrain 200 meet in a corner, apply a piece of 4" Coraflex Jointing Fabric™ and Sealoflex Pink CT™ symmetrically across the joint to adhere into position.
- At the position of the drain opening, the dimpled black plastic backing of the Sealodrain 200

must be carefully cut out to coincide with the position of the drain. This is very important, as this opening will allow all the water collected by the drainage mat to escape freely into the drain. See drawing on front.

- **DO NOT** seal off the top of the drainage mat where it protrudes above the soil level. This must remain open to allow airflow down to the drain.
- Once the drainage mat is firmly in position, carefully fill the planter with the appropriate soil.

NOTE: Once the Sealoflex CT™ System is applied, ensure that all work that follows is carefully undertaken so as not to damage the waterproofing.

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

2.3.5 Planter Box

Architectural Specifications

SECTION 07120
FLUID APPLIED WATERPROOFING
(FOR BELOW GRADE AND SUBMERGED WALLS)

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fluid applied flexible reinforced synthetic rubber or cementitious based waterproofing system over below grade or submerged walls.

1.2 RELATED SECTIONS

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

1.3 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 damp-proofing membrane.
- B. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

1.4 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.

1.5 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 50°F and 90°F (10°C and 32°C). Keep out of direct sunlight.
- D. Support stored material containers on pallets and cover with tarpaulin tied to bottom of pallets.

1.6 ENVIRONMENTAL REQUIREMENTS

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

1.7 WARRANTY

- A. Provide five year manufacturer's warranty

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Sealoflex, Inc
2516 Oscar Johnson Dr. Phone: (843) 554-6466
Charleston, SC 29405 (800) 770-6466
Fax: (843) 554-6458

2.2 MEMBRANE COMPOUND MATERIAL

- A. Waterproofing Material:
 - 1. Base and Saturation Coats: Sealoflex Pink CT™ (Highly flexible synthetic rubber based coating).
 - 2. Fabric: Sealoflex Deck, knitted polyester, non-woven fabric.
 - 3. Finish Coats: Sealoflex CT Top™ (ultraviolet light resistant blend of highly flexible, synthetic rubber based coating). Color as selected from manufacturer's standard colors.

2.3 ACCESSORIES

- A. Sealoment Plus™ polymer modified cementitious waterproofing applied as a coating to form a seamless watertight membrane which resists hydrostatic pressure.
- B. Drainage mat: Sealodrain 200, 1/4" deep dimpled plastic sheet laminated to a geotextile filter fabric.

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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 laitence.
- C. Do not apply water-repellent coating to surfaces unacceptable to manufacturer.

3.3 APPLICATION

Include only paragraphs A & B for masonry surfaces.

- A. Mix primer in accordance with manufacturer's instructions to form a product of paintable consistency.
- B. Apply primer to prepared masonry surface by brushing in one coat. Total application rate waterproofing product is to be 350 sq.ft./50lb. bag.

Include paragraphs C, D, E, F, G, H, I & J for wood surfaces and primed masonry surfaces

- C. Prime the prepared masonry surface with Sealoment Plus @ 350 sq.ft./ 50lb. bag.
- D. Apply base and saturation coats of Sealoflex Pink CT™ at a total rate of 40 sq.ft./gal. (1.0 sq. m/L).
- E. Apply base coat to the entire area. Embed fabric directly into the coating while still wet. Overlap adjacent runs of fabric at 3" (75mm) minimum. Allow to dry. Follow with saturation coat to cover fabric. Allow to dry.

- F. Continue waterproofing material onto horizontal surface of footing at a minimum of 6" (150mm).
- G. Seal items projecting through waterproofing material watertight.
- H. Apply 2 coats of finish coat over waterproofing material at the rate of 140 sq.ft./gal./coat. Total coverage is 70 sq.ft./gal. (1.7 sq.m/L).
- I. Apply waterproofing system to a minimum of 40 mil (1.0 mm) total cured thickness.
- J. Place drainage mat into position over waterproofing system per manufacturer's instructions.

3.4 CLEANING

- A. Immediately clean adjacent areas not scheduled to receive damp-proofing in accordance with manufacturer's instructions.

END OF SECTION

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