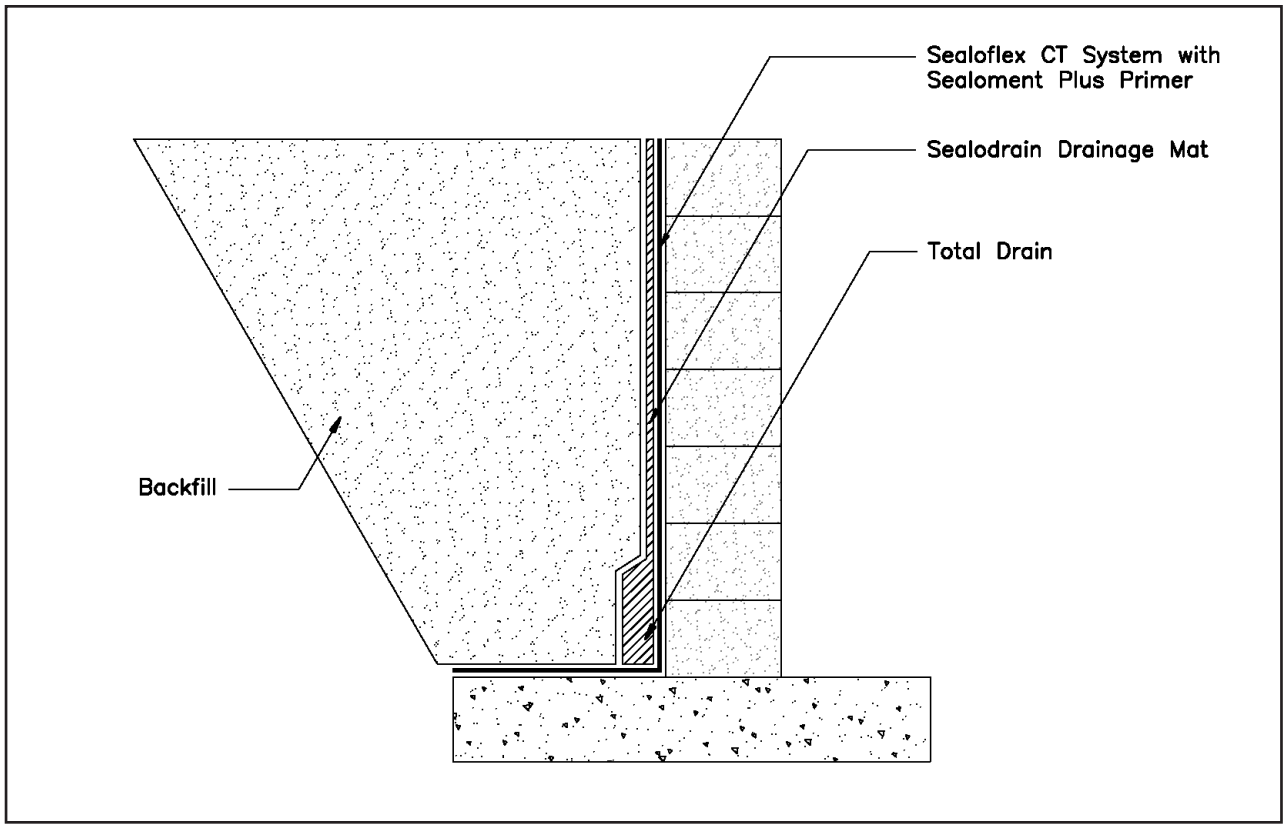
Sealoflex®
Waterproofing Systems

2.3.2 Below Grade, Submerged Walls and Ponds

Application Guide



Wall Categories

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

- New earth retaining walls or basement walls prior to backfilling
- Walls where back of wall is inaccessible; e.g., interior of existing basement
- Interior of water retaining structures

Preparations

- Walls where Sealoment Plus™ is used to resist negative pressures must be free of paint or other coatings (e.g. interior application in a basement). Adhesion must be direct to masonry surface like brick, cement stucco, concrete block or concrete
- If cracks exist in the wall, ensure that these are static cracks. If cracks are suspected of moving, these would need special attention. In this case, consult Sealoflex technical department for recommendations
- Ensure that all mortar joints are properly filled and that any nodules of mortar on the surface are removed
- Ensure that the wall surfaces are free of loose and flaking particles, oil and grease

Areas of Positive Water Pressure

In these areas, apply the Sealoflex System™ as described below.

Priming

Dampen exterior wall surface to be primed with Sealoment Plus™. Apply a generous coat of Sealoment Plus™ according to instructions. Allow to cure at least 72 hours before applications of Sealoflex CT Waterproofing System™.

Priming may take place as soon as masonry wall surface is in place.

SEALOFLEX INC.

CORPORATE OFFICES
2520 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 OFFICE
CHARLESTON, SC
HAMBURG, GERMANY
CANTERBURY, KENT, U.K.

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Application

Waterproofing System

- Ensure that wall surfaces are dry. Precut Sealoflex Fabric™ to suit the wall height being treated. Fabric must be sufficiently long to run onto the footing a minimum of 3".
- Using brush, roller, or spray, apply a moderate coat of Sealoflex CT Pink™ to the wall and footing. Immediately embed the fabric into the wet Sealoflex CT Pink™ using gloved hands or a dry brush. Ensure that any bubbles or wrinkles are smoothed at this point. Allow to dry. Adjacent runs of fabric are applied in the same way overlapping by at least 3" minimum each time. Ensure that overlaps of fabric are fully saturated. Continue until the entire area to be waterproofed is covered in this way. Allow to dry.
- Using brush, roller or spray, apply a generous coat of Sealoflex CT Pink™ to the top of the fabric in order to fully saturate the fabric. Allow to dry.
- Apply 2 coats of Sealoflex CT Top™ to the entire area, and allow to cure for 24 hours.

Fish and Aquatic Ponds

- Follow all surface preparation, priming and application instructions as described above.
- The final 2 coats of CT **must** be Sealoflex CT Pond Grade™.
- ***DO NOT*** use Sealoflex CT Top™ for this application.

Drainage System

- Place Sealodrain drainage system into position over the cured Sealoflex CT System™ before backfilling.
- Fastening Sealodrain™ into position may be accomplished in several ways: temporary taping or gluing.
- If gluing method is used, only use single part polyurethane caulk or single part polyurethane glue.

Areas of Negative Water Pressure

In these areas, apply the Sealoflex System as described below.

Application

Dampen the area with water before application. Areas of actively percolating water must first be treated with Hydraulic Cement to stem the flow of water. Apply Sealoment Plus™ over the entire area (2 coats required) Treat junctions between walls and floors with the Sealoflex CT System™ as described in the Sealoflex CT™ data sheet. Concrete floors experiencing water percolation from below may be treated by the same method. However, active percolation must not occur during application and drying time of Sealoment Plus™. Once the Sealoment Plus™ has hardened (approximately 12 hours) mist the surface with water to achieve optimum curing.

Important Recommendations

Do not apply Sealoment Plus™ to substrates actively percolating water as this will wash away during curing. Once cured however, Sealoment Plus™ will resist pressure from the substrate

DO NOT use glues or caulks containing petroleum solvents.

DO NOT mechanically fasten drainage mat so as to perforate or penetrate the Sealoflex CT System™.

Consult the Sealoflex technical department for further details.

WARNING!

DO NOT plunge, submerge, dip, etc. applicator tools (rollers, brushes, etc.) into CT™ Buckets due to static electricity buildup. Sparks/Fire may result. Always **pour** CT™ products from the container onto the substrate.

CT™ PRODUCTS ARE FLAMMABLE!

Electrostatic charge may acculmulate and create a hazardous condition when handling or applying CT™ Products.

ALWAYS USE PROPER GROUNDING PROCEDURES.

ALWAYS HAVE A CO_2 FIRE EXTINGUISHER WITHIN IMMEDIATE REACH OF THE APPLICATION AREA.

For this and/or related products, please refer to individual product data sheets, System Application Guides, Products MSDS, Primer Chart, Fabric Chart.

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