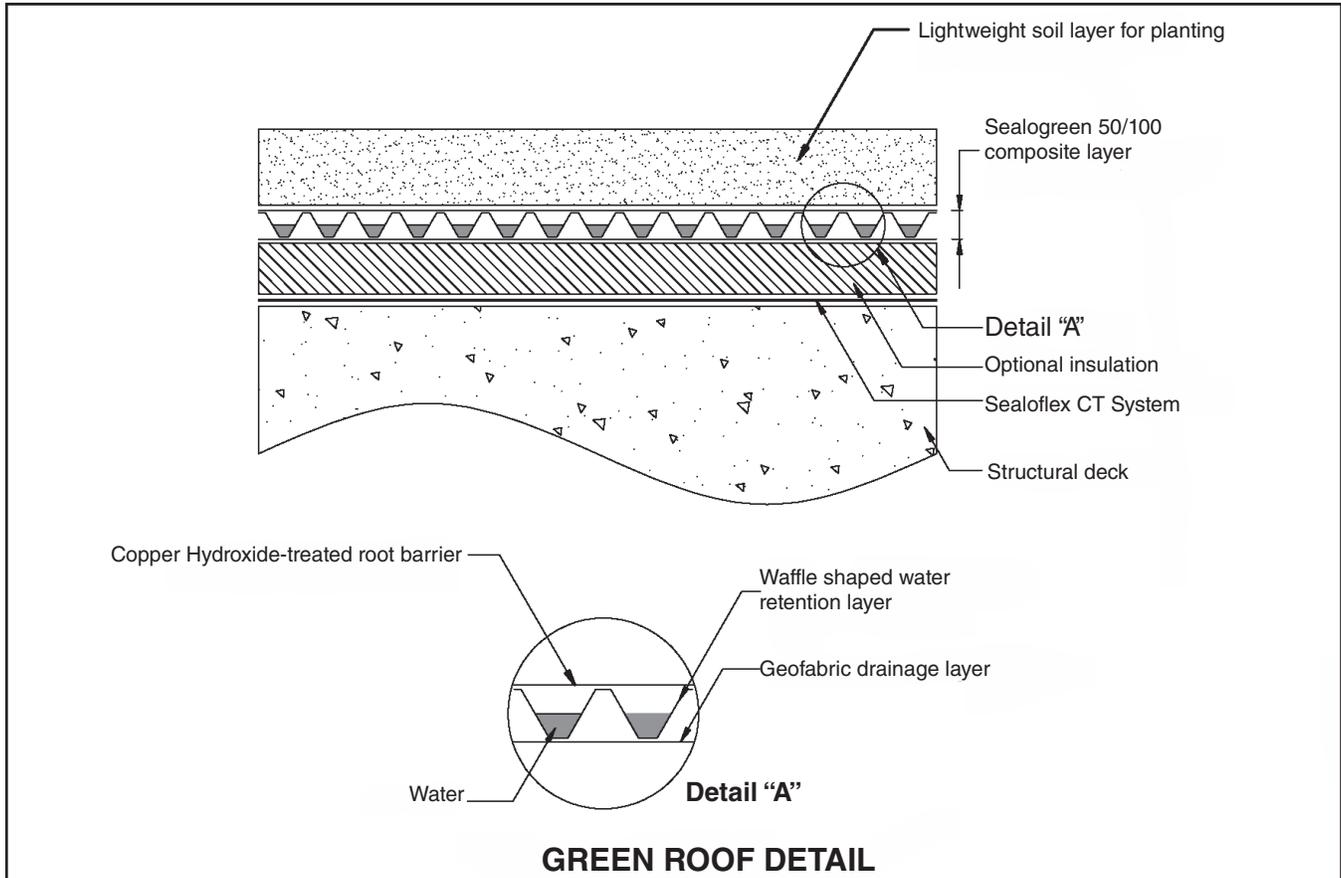


# 1.2.1.3 Green Roofs

## Application Guide



### Inspection

Inspect roof carefully paying particular attention to the following points:

- Structural integrity of the surface
- Where the substrate is reinforced concrete, the location of expansion joints is left to the discretion of the structural engineer
- Surface **must** have adequate slope to ensure proper drainage. The recommended slope should be approximately 1/4" per foot slope

### Preparation

Apply minimum 3/8" x 3/8" fillet of a single component polyurethane caulk at junctions of vertical and horizontal surfaces.

### Priming

Prime all concrete, masonry with Sealment Plus. If there is any doubt regarding the moisture content of the concrete it is strongly advised to use Dampseal 101 as a surface treatment of the concrete. This will seal the surface of the concrete and prevent the formation of blisters in the subsequently applied layers. Carefully follow directions in the Dampseal 101 product page. Most other surfaces do not require priming provided that they are sound and clean. However, if any doubt, contact the Sealoflex Technical Department for specific recommendations.

### Application

1. Repair large imperfections in the roof surface using Sealopatch<sup>®</sup> Repair Mortar.
2. Flash junctions between roof deck and walls, penetrations and any

other adjacent surfaces with 12" wide Sealoflex fabric. Apply a heavy layer of Sealoflex CT Pink 6" up the vertical surface and 6" onto the deck and immediately embed the fabric into the wet Sealoflex CT Pink. Work fabric in well with a dry paint or roof brush. Allow to dry. Apply more CT Pink to the surface to fully saturate the fabric from above.

3. Apply a heavy layer of Sealoflex CT Pink onto the surface and immediately embed the Sealoflex Fabric onto the wet base coat of Sealoflex CT Pink. Once the fabric is in position, using a roof brush or roller, ensure the fabric is fully embedded into the base coat of Sealoflex CT Pink. Allow to dry.

**NOTE:** Use Sealoflex Fabric not Sealoflex Deck Fabric with Sealoflex CT Products.

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## LIMITED WARRANTY

Sealoflex warrants its products to be free of manufacturing defects and 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.

MARCH 2015

4. Apply a saturation coat of Sealoflex CT Pink over the entire area. Allow to dry. Adjacent runs of fabric must overlap by 3" minimum. Be sure that overlaps of fabric are fully saturated.
5. Once the CT Pink is dry, trim off the excess fabric at the edges with a razor knife.
6. Apply two generous coats of Sealoflex CT Top to the whole area and flashings using a roller or airless sprayer. Allow first coat to fully dry before applying second coat.
7. Ensure the Sealoflex CT System has cured before placement of insulation or the Sealogreen mats. Also, carefully check the surface of the Sealoflex CT application for quality and possible damage.

**NOTE:** Each individual coat of any Sealoflex CT product must be dry before applying any subsequent coat of the Sealoflex CT product. The entire Sealoflex® System must be full cured prior to installing any finishes, e.g., Coraflex, tile, carpet, pavers, etc. This will ensure proper curing and that no vapor entrapment occurs.

## Roof Garden Application

Place the Sealogreen 50/100 roof garden mat over the entire area which is to receive the roof garden. If required, a single part polyurethane caulk may be used to spot-adhere the mats to keep them from being lifted by wind during construction. Ensure adjacent sheets of Sealogreen 50/100 are properly joined together to form one continuous sheet. This is to ensure that the soil layer placed above does not wash into the drains. The soil layer to support the plant life is then placed evenly over the surface to the specified depth depending on the types of plants to be grown.

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

## Approximate total product requirements for the project will be:

- Sealoflex CT Pink 30 sq.ft./gal.
- Sealoflex CT Top 70 sq.ft./gal.
- 6" Sealoflex fabric 300 LF/Roll
- 40" Sealoflex fabric 324 LF/Roll
- Sealogreen 50 4'x50' (200 sq.ft.)  
Sealogreen 100 3'x100' (300 sq.ft.)
- Sealopatch if necessary

## Important Notes

- To determine if a primer is needed, and/or which primer is best for the application, please refer to the Pull Test Procedure on the back of the Primer Chart.
- Slight color variations between batch numbers can occur. Blend materials to ensure color consistency.
- Refer to the individual product data sheets for cleaning procedures.

## **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 accumulate and create a hazardous condition when handling or applying CT Products.

**ALWAYS USE PROPER  
GROUNDING PROCEDURES.**

**ALWAYS HAVE A CO<sub>2</sub> FIRE  
EXTINGUISHER WITHIN  
IMMEDIATE REACH OF THE  
APPLICATION AREA.**

**IMPORTANT NOTE:** Always check our website, [www.sealoflex.com](http://www.sealoflex.com) to determine if the printed literature you are reading is the most current version available.