Sealoflex CT System

Commercial Product Data Sheet

Product Description

The Sealoflex CT System consists of Sealoflex CT Pink, Sealoflex Fabric, and Sealoflex CT Top. These components form a fully adhered, monolithic membrane for roofs and below grade walls.

Product Uses

- Low slope and steep slope applications
- Flashings of all types
- Parapet walls and coping waterproofing
- Sealing standing seam metal roofs
- Waterproofing over existing roof systems
- Below grade waterproof system for positive pressure heads
- Waterproof underlayment for tile, pavers, carpet, or wood decking
- Waterproof liner for fountains, gutters, and planters
- Waterproof liner for ponds using Sealoflex CT Pond Grade in lieu of CT Top
- Vapor barrier

Advantages

- Ultraviolet and ozone resistant
- Highly elastic
- Fast curing and may be applied at low temperatures
- Excellent low temperature flexibility
- Adheres to most roof or wall substrates
- Excellent mildew/algae resistance
- Acid and alkali resistance
- Dade County, FL approved
- Florida Power and Light (FPL) approved
- CRRC rated

Colors

Sealoflex CT Pink - Pink
Sealoflex CT FibreSeal - Pink
Sealoflex CT Top - White (cannot be tinted)
Sealoflex CT Pond Grade - Black

Packaging

5-gallon metal containers

Coverage Rates and Application

Refer to the Roof Installer's Guide

Storage

Product shelf life is 12 months from date on container. Shelf life will be reduced if product is stored at temperatures above 77°F (25°C). Store indoors in a closed container in a well-ventilated, cool, dry area away from heat, open fire, direct sunlight, oxidizing agents, strong acids, and strong alkalies. Materials stored on the job site during application should be kept on a pallet in a shaded, well-ventilated area. In unshaded areas, materials should be covered with a white, reflective tarp in a manner that allows air circulation beneath the tarp.

Instructions for Use

Surface Preparation

Surfaces must be clean and free of dust, loosely adhering particles, oil, grease, algae, mildew or fungal growth. Thoroughly stir the product before use. When using a mechanical mixer, do not over agitate. Over agitating will add air into the product, creating bubbles. After mixing, allow product to sit 5-10 minutes to allow trapped air to evacuate container to protect against product pinholes when applied. Sealoflex CT products can be applied when the substrate temperature is between 32°F (0°C) and 130°F (55°C). Discontinue resin application when the substrate temperature is outside the ranges listed above. Provide adequate shade over the substrate area both prior to and during application as necessary to maintain substrate surfaces below 130°F (55°C).

Priming

Refer to the Sealoflex Primer Chart.

Cleaning

Sealoflex CT can be dissolved with naphtha or mineral spirits.

Important Notes

- CT Pink and CT FibreSeal must be over coated with CT Top. They are not stand-alone coatings. Refer to the Sealoflex CT Pink, Sealoflex CT Top, and/or Sealoflex FibreSeal product pages.
- Prior to application of each coat of Sealoflex CT products, always ensure the surface is completely dry. Application of CT Products on damp or wet surfaces will result in blistering.
- If metal pan is used for concrete form, the metal must be vented. If between-slab membrane exists, surface breather vents are required. (Number of vents to be determined by others.)

CT System™

- DO NOT use in ponding areas without Sealoflex Fabric or CT FibreSeal.
- Determine if a primer is needed, and/or which primer is best for the application. Refer to the Pull Test Procedure on back of the Primer Chart.
- Do not use Wearcoat on top of CT Products.

Precautions

Read the MSDS on Sealoflex CT carefully before application. Avoid contact with eyes and skin. If eyes become contaminated flush with water for at least 15 minutes. If ingested do not induce vomiting and seek medical attention immediately. Use only in well ventilated areas and avoid inhaling vapors. Avoid contact with static electricity, contact with sparks, open flame, motors and heat as Sealoflex CT is **FLAMMABLE**.

Physical and Mechanical Properties

Property (as Manufactured)	**Value**
Drying Time (Touch Dry)	1 hour at 77°F and 50% RH
Full Cure	7 days
Total System Thickness	40 mils dft
System Weight	0.30 lb./sq.ft.
Water Vapor Transmission Rate (ASTM E96)	6.3×10^{-3} grains/ft^2/hr at 45 mils dft
Elongation (ASTM D412)	61% (reinforced) 600% (unreinforced)
Tensile Strength (ASTM D412)	3,109 psi (Reinforced)

Ed. July 2016

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