

CT Pond Grade



Commercial Product Data Sheet

Product Description

Sealoflex CT Pond Grade is a rubber-based, single component SEBS coating. It is a tough, flexible material which displays good UV and ozone resistance. Sealoflex CT Top is used in conjunction with Sealoflex CT Pink and Sealoflex Fabric to form the Sealoflex Pond Grade System, a fully adhered, monolithic membrane for ponds and fountains.

Product Uses

CT Pond Grade is used as the top coating for the Sealoflex Pond Grade System.

Advantages

- Ultraviolet and ozone resistant
- Highly elastic
- Fast curing and may be applied at low temperatures
- Excellent low temperature flexibility
- Acid and alkali resistance
- Dade County, FL approved

Colors

Black

Packaging

5-gallon metal containers

Coverage Rates and Application

When using CT Pond Grade as the final coats for the Sealoflex Pond Grade System, refer to the Sealoflex Ct Pink or Sealoflex CT System product pages for instructions that precede the application of Sealoflex CT Pond Grade. Then, apply 2 coats of Sealoflex CT Pond Grade by airless sprayer, roller, or brush at 70 sq.ft./gallon (total for both coats). Coverage varies based on substrate porosity and texture. Coverage amounts are based on optimum substrates and conditions.

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

- The Sealoflex CT Pond Grade System should be installed directly to the structure or a previous coating only. Do not apply the system over previously installed rolled roofing.
- 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.)
- DO NOT use in ponding areas without Sealoflex Fabric.

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**.

CT Pond Grade

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)

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