

Sealoflex CT™

Rubber Based Waterproofing System

Description

Sealoflex CT™ is a rubber based, single component coating. It is a tough, flexible, highly elastic material which displays good UV and ponding water resistance. Sealoflex CT™ is used in conjunction with Sealoflex polyester reinforcing fabric to form a fully adhered, monolithic, single ply membrane for roofs and walls.

Uses

Sealoflex CT™ is used:

- As flat or low sloped roof waterproofing
- For flashings & parapet walls
- For sealing of metal roofs, over fasteners, seams & penetration flashings
- As a waterproof liner for box gutters
- As a waterproof underlayment for tiled decks and plaza decks
- As a waterproof underlayment for tiled shower, floors and walls
- As a waterproof liner for fountains and planters
- As a below ground waterproofer for positive pressure heads
- As a vapour barrier
- As a waterproof liner for ponds using Sealoflex CT Pond Grade™

Advantages

Sealoflex CT™ displays the following advantages:

- Ultraviolet and Ozone resistance
- Acid and alkali resistance
- Highly elastic
- Fast curing and may be applied at low temperatures
- Excellent low temperature flexibility
- Adheres to almost any roof or wall substrate including stucco, concrete, metal, brick, wood, asphalt, TPO, PVC and as a coating over EPDM
- Excellent mildew and algae resistance



Colour

Grey

Instructions for Use

Surface Preparation

Surfaces must be clean and free of dust, loosely adhering particles, oil and grease.

Surfaces must be **completely dry** prior to application of Sealoflex CT™ products.

Priming

Unpainted Wood: Prime with Sealobond Primer™.

Metal: All ferrous metals must be primed with Sealoflex Rust X-2020™ and Sealoflex Metal Etch Primer™.

Lead: Requires no primer

Non-ferrous Metals, New Painted Metal, Flashings, Copings and Accessories: must be primed with Sealoflex Metal Etch Primer™.

Concrete and Masonry: Above grade, prime with a coat of Sealobond Primer™ and/or Dampseal 101™. Allow to dry thoroughly before continuing with the Sealoflex CT™ System. Below ground, on grade and cellular lightweight concrete, prime with Sealoment Plus™ and/or Dampseal 101™.

Bituminous or asphalt surfaces: Apply a liberal coat of Sealoflex Waterbased Pink®

Note: Joints in plywood and insulation board substrates must be treated with a 50mm wide strip of Sealoflex Aluminium Tape to create a continuous surface before commencing with the application of the Sealoflex CT System™.

Application

Apply a generous "base coat" of Sealoflex Pink CT™ with a medium pile roller to the prepared area and imbed the Sealoflex Fabric™ directly into the wet coating. Without adding more product to the roller, firmly roll the fabric into the coating forcing the product up through the fabric. Ensure that the fabric is well saturated and that there are no wrinkles in the surface. If the fabric has a dry appearance, immediately add more Sealoflex CT Pink™ with the roller until the surface has a wet, well saturated appearance. Do not over apply. Overlap of adjacent runs of fabric must be 75mm. Allow to dry until the fabric is firmly adhered in position. When the entire area has been treated in this way, apply 2 coats of Sealoflex CT Top™ at the rate of 0.6 liters/sq. m. (total for both coats).

SEALOFLEX UK LTD.
 2 Simmonds Road
 Wincheap Industrial Estate
 Canterbury Kent - England
 CT1 3RA
 Tel: +44 1227 767 577
 Fax: +44 8707 062 947
 Website: www.sealoflex.co.uk
 E-mail: info@sealoflex.co.uk

SALES OFFICES
 CANTERBURY, KENT, U.K.
 CHARLESTON, SC U.S.A.
 HAMBURG, GERMANY



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.

FEBRUARY 2010

IMPORTANT NOTES:

*If applying the full fabric Sealoflex reinforced system to mechanically fastened EPDM roof sheeting, prepare the surface as follows:

- Apply EPDM Primer™, allow to dry.
- Apply a generous coat of Sealoflex Pink® (waterbased) and allow to dry.
- The surface is now ready to accept the full Sealoflex CT™ system.

*Prior to application of each coat of Sealoflex CT™, always ensure that surface is **completely dry**.

CAUTION!

If there is an impermeable layer within or below the concrete surface, contact Sealoflex Technical Department for application requirements.

Cleaning

Sealoflex CT™ can be cleaned with white spirits.

Precautions

Read the COSHH 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 sparks, open flame, motors and heat as Sealoflex CT™ is **FLAMMABLE**.

Coverage

Unreinforced over metal:

Sealoflex CT Top™ 0.8 liter/m²
 (includes both coats)

Full system reinforced:

Sealoflex CT Pink™ 1.2 liters/m²
 (includes both coats for saturation)
 Sealoflex CT Top™ 0.6 liters/ m²
 (includes both coats of top)

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 CO₂ FIRE EXTINGUISHER WITHIN IMMEDIATE REACH OF THE APPLICATION AREA.

Technical Data

Type:	Reinforced Synthetic Rubber
Shelf Life and Storage Conditions:	12 months if unopened & stored between 4°C & 32°C
Application Temperature:	+0°C to 41°C (Ambient) and +0°C to 54°C (Surface)
Drying Time (Touch Dry):	1 hour at 25°C and 50% RH
Full Cure:	7 days
Total Thickness:	1.0 mm
System Weight	1.5 kg/sq.m
Water Vapour Transmission Rate: (ASTM E96)	6.3 x 10 ⁻³ grains/ft ² /hr at 45 mils dft
Elongation (ASTM D412):	61% (reinforced) 600% (unreinforced)
Tensile Strength (ASTM D412):	21.4 N/sq. mm
Packaging:	5, 10 and 20 liter containers

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

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