

Waterproofer & Abrasion Resistant Protective Layer

Description

Cemflex™ is a milky liquid concentrate, when mixed with water and Portland Cement forms an effective waterproofing slurry with high strength and abrasion resistance. This slurry is applied in conjunction with Sealoflex Fabric™ as reinforcement.

Uses

Cemflex™ is used for waterproofing of:

- Almost any masonry surface such as retaining walls and foundation walls.
- As a primer under mortar type products to enhance bonding.
- As an additive to cement mortar type mixes to enhance adhesive strength and waterproofing.



Advantages

- Very good wear resistance
- Easy to use
- Non toxic
- Ideal for subterranean waterproofing
- Excellent adhesion

Color

Milky White

Instructions for Use

Surface Preparation

Concrete, mortar and masonry surfaces must be clean, free from grease, dirt, oil and loosely adhering particles. Saturate absorbent surfaces thoroughly with water. Remove any free standing water.

Surface should be saturated thoroughly with clean water prior to Cemflex™ application. However, ensure that there is no standing water on surface at the time of application of Cemflex™.

Mixing

Cemflex™ slurry is prepared by mixing Cemflex™, water and Portland cement in the ratio 1 gallon Cemflex™ to 1 gallon water to 30 pounds cement. This is approximately equivalent to the following volumetric mix:

- 1 part Cemflex™
- 1 part water
- 3 parts Portland® Cement

Mix Cemflex™ and water first. Add cement slowly while mixing. It is preferable to use a slow speed mechanical mixer. Mixing should continue until slurry is totally homogeneous and lump free. The slurry should be mixed periodically during application to prevent settlement.

Either white or gray Portland® Cement may be used depending on color requirements.

Application

Apply the Cemflex™ slurry by brush to the prepared surface and immediately embed the Sealoflex Fabric™ into the wet slurry, smoothing out any bubbles or creases with the brush. Cover the fabric with more Cemflex™ slurry to full saturate the fabric. Allow to dry. A final generous coat of Cemflex™ slurry is applied to complete the application. When using Cemflex™ as a waterproofer adjacent rows of fabric should overlap by a minimum of 3".

Ensure that overlaps of fabric are fully saturated.

Coverage

60 square feet per one gallon of Cemflex™. This coverage will be obtained after mixing with water and cement and using Sealoflex Fabric™.

Curing

Protect from wind and direct sunlight. Allow Cemflex™ to cure 48 hours before backfilling. In dry or hot conditions periodically mist with clean water after initial set for the first 24 hours.

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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.

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Special Procedures

During warm weather, the ingredients of the slurry (Cemflex™, water, cement) may be very warm and may cause premature setting of the slurry. To prevent this, it is recommended to make the 1 part water component from 50% ice and 50% water to cool the slurry mix to prevent premature setting. Always store cement and Cemflex™ in a cool, dry place prior to mixing.

Cleaning

Clean all tools and equipment with clean water immediately after use. Hardened material can only be removed mechanically.

Packaging

1 gal and 5 gal containers

Technical Data

Type:	Liquid
Shelf Life and Storage Conditions:	12 months if unopened and stored between +40°F & 90°F. <i>Do Not Allow To Freeze</i>
Pot Life:	60 minutes at 77°F
Membrane Thickness:	60 mils
Density:	Cemflex: 8.6 lb./gal. Slurry: 15.4 lb./gal
Bond Strength:	300 psi
Water Vapor Transmission Rate:	19 grains/hour/sq.ft. at 77°F and 50% RH
Color:	Milky White
Packaging:	1 gal and 5 gal containers

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.