



THE EUCLID CHEMICAL COMPANY

19218 REDWOOD ROAD • Cleveland, OH 44110
(216) 531-9222 • (800) 321-7628 • FAX (216) 531-9596
www.euclidchemical.com

EUCOSEAL

MASONRY COATING

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EUCOSEAL is a heavy duty cementitious coating intended to waterproof and protect masonry. It is mixed with latex or water and applied to the surface of masonry or concrete walls. The product seals voids and coats the walls, thereby stopping moisture penetration.

PRIMARY APPLICATIONS

- Masonry surfaces
- Tunnels
- Concrete walls
- Basements
- Machinery pits
- Reservoirs

FEATURES/BENEFITS

- Economical to use
- Easy to mix and apply
- Decorative colors combine appearance with lasting protection

PACKAGING

EUCOSEAL is packaged in 50 lb (22.7 kg) bags, 60 lb (27.1 kg) pails, or 4/10 lb (4/4.5 kg) bags per case.

COVERAGE

Type Application Coverage per 50 lbs Coverage per 60 lbs

Minimum	250 ft ²	300 ft ²
Normal	165 ft ²	200 ft ²
Severe	80 ft ²	100 ft ²
Extreme	50 ft ²	60 ft ²

- Minimum: Above grade, smooth and dry interior walls
- Normal: Below grade interior walls
- Severe: Below grade interior walls with water pressure present or above grade exterior walls in direct contact with rain or standing water
- Extreme: Below grade exterior walls

TECHNICAL INFORMATION

EUCOSEAL is formulated with reactive stearates for easier mixing and increased performance.

EUCOSEAL APPLICATION RATE GUIDE PER 100 ft²

<u>Type Application</u>	<u>First Coat</u>	<u>Second Coat</u>	<u>Finish</u>
Minimum	20 lbs	-----	Brush
Normal	20 lbs	10 lbs	Brush
Severe	20 lbs	40 lbs	Brush
Extreme	20 lbs	80 lbs	Trowel

Note: **For additional bond strength and improved waterproofing, mix EUCOSEAL with FLEX-CON latex additive.**

Appearance-EUCOSEAL is a free flowing powder designed to be mixed with water or FLEX-CON (a white latex liquid; available from Euclid Chemical, added for improved bond and water tightness).

Standard colors include Foundation Gray and Decorator White. For additional colors, EUCOSEAL (Decorator White) may also be mixed with SUPER CONCENTRATED MORTAR COLOR (available from The Euclid Chemical Company) at the rate of 1/2 carton per bag of EUCOSEAL.

After mixing and placing, the color may initially appear darker than the surrounding concrete. This color will lighten up substantially as the coating cures and dries out.

Final finish and texture is determined by the owner's preference and application method.

Shelf life is 1 year in original, unopened package.

This product meets V.O.C. contents in accordance with EPA 40 CFR Part 59 Table I Subpart D for Waterproofing Sealers and Treatments with a maximum V.O.C. content of 600 g/l.

V.O.C. 0 g/l

DIRECTIONS FOR USE

Surface Preparation-The block or concrete must be clean and sound. All oil, dirt, debris and unsound materials must be removed. The surface must be prepared mechanically using a wire brush, scraping or chipping. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washing.

Acid etching may be used to remove any efflorescence. It is recommended that only contractors experienced in the acid etching process use this means of surface preparation. The salts of the reaction must be thoroughly pressure washed away. Allow the concrete to completely dry. Note: Even with proper procedures, an acid etched surface may not provide as strong a bond as mechanical preparation procedures.

All block and concrete should possess an open surface texture with all curing compounds and sealers removed. If a coating is well bonded, a test may be run to determine if EUCOSEAL will adhere to the coating surface.

Repair all cracks and holes with DAM-IT (available from The Euclid Chemical Company). Punch weep holes at base of walls to relieve water pressure. Leave weep holes open one (1) day after application of EUCOSEAL and then plug with DAM-IT.

If a block/joint filler is required, use EUCO WALL FINISH prior to EUCOSEAL application. Pre-dampen the surface prior to the application of EUCOSEAL.

Mixing-Mix 50 lb (22.7 kg) of EUCOSEAL with approximately 1.75 gal (6.6 liter) of clean water. Mix to pancake batter consistency and allow mix to "fatten" for 15 minutes. It should then adhere to the brush without dripping. For maximum bond strength to smooth, dense concrete, mix 0.5 gal (1.9 liter) of FLEX-CON with 1.25 gal (4.7 liter) of water to mix with each 50 lb (22.7 kg) bag of EUCOSEAL.

Placement-

Brush: Apply EUCOSEAL with a stiff fiber brush. Scrub well into the damp wall filling all pores and finish with final strokes in one direction. Keep a wet edge. After 24 hours apply second coat.

Trowel: Apply as above except on the second coat, trowel a mixture of 2 parts EUCOSEAL and 1 part clean white silica sand to the wall.

Finishing-When the last coat has tightened, float it to desired texture with a sponge or wood float.

Cure-Proper curing procedures are important to ensure the durability and quality of the coating. To prevent surface cracking, cure the surface with a high solids curing compound, such as SUPER AQUA-CURE VOX or SUPER DIAMOND CLEAR VOX. (Note: A solvent based curing compound should not be used on this product).

If a curing compound is not desired, moist (fog) cure for a minimum of three (3) days.

For additional waterproofing capabilities (above grade) and for additional appearance options, EUCOSEAL may be topcoated with SUPER WALL-PRO elastomeric wall coating.

CLEAN-UP

Clean tools and equipment with water before the material hardens.

PRECAUTIONS/LIMITATIONS

- Do not use over previously coated surfaces without a bonding agent or proper preparation. Many sealants act as bond breakers, therefore consult The Euclid Chemical Company for recommendations.
- Do not use material at temperatures below 45°F (7°C).
- Keep repair from freezing until a minimum age of three days is reached.



Form Eucoseal-8.00

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for six (6) months from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.