



# THE EUCLID CHEMICAL COMPANY

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## EUCO TEXTURE SHIELD



### CEMENTITIOUS FLOOR COATING

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**EUCO TEXTURE SHIELD** is a cementitious floor coating designed to protect, beautify and enhance concrete balconies, decks, walkways and any interior or exterior concrete surface. This system for new or existing concrete and masonry surfaces is designed to protect while offering skid resistance and tinting in a wide variety of colors. EUCO TEXTURE SHIELD is a decorative wear surface that may be used as a stand alone product or in conjunction with EUCO AQUA SHIELD, cementitious waterproofing membrane system as manufactured by The Euclid Chemical Company.

#### PRIMARY APPLICATIONS

- Balconies                                     • Stadiums
- Mechanical Rooms                         • Walkways
- Horizontal Waterproofing                 • Decks

#### FEATURES/BENEFITS

- Flexibility improves durability and accomodates minor slab movement
- Low odor
- VOC compliant
- Self-curing

#### PACKAGING

EUCO TEXTURE SHIELD is packaged as a two component kit. Each kit has a 50 lb (22.7 kg) bag of powder and 1 jug of liquid.

#### COVERAGE

One kit of EUCO TEXTURE SHIELD will cover 115 - 125ft<sup>2</sup> in one coat. The average thickness of this coating will be 1/8".

#### APPEARANCE

EUCO TEXTURE SHIELD is a 2-component kit consisting of a powder and liquid. After mixing and placing, the color will be off-white. This product is designed to be used as the topcoat for EUCO AQUA SHIELD as manufactured by The Euclid Chemical Company or as a stand alone wear surface.

#### TECHNICAL INFORMATION

##### **Typical Engineering Data**

The following results were developed under laboratory conditions.

**Pot life at 70°F (21°C)** ..... 40 to 60 minutes

##### **Adhesion to Concrete, psi**

ASTM D-4541, 14 days.....193 psi

##### **Abrasion Resistance (% Weight Loss)**

ASTM D-4060, CS-10 wheel

3000 cycles.....0.57

6000 cycles.....0.94

##### **Drying / Working Time @70°F (21°C):**

Working Time over concrete ... 10 to 20 minutes

Drying Time..... 20 to 30 minutes

Open to Foot Traffic ..... @ 24 hours

**Shelf Life:** 1 year in original, unopened container.

#### DIRECTIONS FOR USE

**Surface Preparation**-New concrete and masonry must be a minimum of 14 days old and possess an open surface texture with all curing compounds and sealers removed.

The concrete must be clean and sound. All oil, dirt, debris, paint and unsound concrete must be removed. The substrate must be an absorptive surface.

**Bonding**-EUCO TEXTURE SHIELD requires a product slurry coat if using this as a stand alone product. No product bond coat is required if using this as a topcoat over EUCO AQUA SHIELD.

**Mixing** - All materials should be in the proper temperature range of 60°F (16°C) - 90°F (32°C). Power mix using a drill and plaster mixer ( a jiffy mixer is also acceptable). Stir or shake the liquid and pour approximately 3/4 of a gallon into a clean container. Begin mixing at slow speed. Gradually add powder. When all powder has been added, blend in the remaining liquid. The ideal mix will be a heavy, smooth batter. Stop mixing and allow product to sit for 3 minutes. This will allow the powder to fully wet out. If greater workability is needed, it may be necessary to have additional liquid. Add no more than 1/4 gallon available of the additional liquid. Remix to bring the mixture to the consistency needed for placement.

**Moving and Non-moving cracks [ $<1/8$ " (3.2mm)]-**

Apply enough mixed EUCO AQUA SHIELD over prepared crack (approximately  $1/16$ " or less). Place **Euco Repair Mesh** (fiberglass mesh) into product while still wet and trowel product over mesh. Wait for EUCO AQUA SHIELD to dry and proceed with placement instructions.

**Moving and Non-moving cracks [ $>1/8$ " (3.2mm)]-**

Cut or rout out the crack to a minimum of  $3/8$ " (9.5mm) wide by  $1/2$ " (12.7mm) deep. Install backer rod a minimum of  $1/2$ " below the surface and fill with a high quality urethane sealant such as **EUCOLASTIC I or II** from The Euclid Chemical Company. After the sealant has cured, apply EUCO AQUA SHIELD over crack (approximately  $1/16$ " to imbed mesh). Place **Euco Repair Mesh** (fiberglass mesh) into product while still wet and trowel product over mesh. Wait for product to dry and proceed with placement instructions.

**Placement** - This product may be applied by hopper gun, brush or trowel. Dampen area prior to application of EUCO TEXTURE SHIELD to SSD (saturated surface dry) condition. Work a scrub coat of the mixed product into the surface to ensure proper bond. Immediately apply topcoat of EUCO TEXTURE SHIELD while scrub coat is wet. Consolidate and trowel to desired finish. Protect from rain until dry.

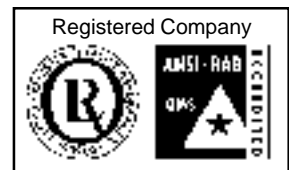
**Curing** - EUCO TEXTURE SHIELD is self-curing. DO NOT WET CURE THIS PRODUCT.

**CLEAN-UP**

Clean tools and equipment with water **immediately** after use. Cured material can only be removed mechanically.

**PRECAUTIONS/LIMITATIONS**

- Do not apply at air and floor temperatures below 50°F (10°C).
- Do not add water to this product.
- Protect from rain until completely dry.
- Mix only in the specified proportions.
- Follow ACI hot weather procedures if needed.
- Shelf life is 1 year after manufactured date.
- Product dries very quickly. Clean tools with water immediately after use.



Form Euco Texture Shield - 9.01

**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.