



EUCO-GUARD 350

LOW-VOC, SOLVENT-BASED WATER REPELLENT FOR CONCRETE AND MASONRY

PACKAGING

5 gal (18.9 L) pail
Code: 052LV 05
55 gal (208 L) drum
Code: 052LV 55

APPROXIMATE COVERAGE

See coverage rate section below for application rates.

CLEAN UP

Use mineral spirits or acetone to clean tools and equipment.

SHELF LIFE

2 years in original, unopened package

SPECIFICATIONS AND COMPLIANCES

- Federal specification SS-W-110C
- Complies with Federal AIM Rule VOC regulations and with VOC standards in the OTC and LADCO states

DESCRIPTION

EUCO-GUARD 350 is a deep penetrating siloxane sealer designed to protect concrete structures, decks, pavement and surfaces against the adverse effects of de-icing salts, moisture, weathering and freeze damage. EUCO-GUARD 350 reacts chemically with the concrete to provide a highly effective chloride screen and water repellent surface. In addition to its ease of application, EUCO-GUARD 350 has the added versatility to be used on both new and old concrete surfaces.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Provides an efficient, continuous chloride barrier
- Blocks pores and capillaries for outstanding water repellency
- May be applied to new or old concrete
- Complies with VOC standards in the OTC and LADCO states
- Full protection in one treatment, but may be reapplied later at any time
- Provides a low cost protection system over the life of a structure
- Protects reinforcing steel against the corrosive effects of surface absorbed chlorides and moisture
- Renders new concrete virtually free of surface scaling

PRIMARY APPLICATIONS

- Parking structures
- Lane barriers & ramps
- Bridges
- Marine platforms
- Auto/truck repair bays
- Exterior concrete surfaces

APPEARANCE

EUCO-GUARD 350 is a clear, solvent based liquid. Concrete treated with EUCO-GUARD 350 will “bead” water on the surface. EUCO-GUARD 350 may darken concrete, especially if applied heavily or to older, previously sealed, or contaminated surfaces. If appearance is critical, apply EUCO-GUARD 350 to a small test section first to observe the final dry appearance of the treated concrete.

COVERAGE

Concrete Surface

Troweled smooth

Broomed textured

Application Rate

125 to 150 ft²/gal (3.1 to 3.7 m²/L)

75 to 125 ft²/gal (1.8 to 3.1 m²/L)

Higher or lower coverage rates may be used depending on surface porosity and desired level of protection.

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Material Properties	
Active Content (by weight)	10%
Drying Time	Dry: 1 to 2 hours Foot Traffic: 4 to 6 hours Wheel Traffic: 10 to 12 hours
Type	siloxane
VOC Content	109 g/L
Water Absorption SS-W-110C	Percent Absorption: < 1%

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DIRECTIONS FOR USE

Surface Preparation: For best penetration and performance, concrete should be at least a minimum of 3 days old before applying EUCO-GUARD 350. Surfaces must be clean and dry for best penetration. Remove all foreign substances that could prevent absorption such as dirt, dust, tar, oil, curing compounds, sealers, etc. Pressure wash with water and cleaners when needed to produce a clean, absorptive surface. Allow washed concrete to dry completely before sealing. Joint sealants should be in place before applying EUCO-GUARD 350.

Mixing: EUCO-GUARD 350 is a one component material which requires no pre-blending prior to use. The product should be used directly from the container without diluting.

Placement: Apply to the concrete surface using an industrial-grade, low pressure, non-atomizing, airless sprayer or short nap roller, carefully following the recommended coverage rate. Heavy or uneven application may cause excessive or uneven darkening of the surface. If a second coat is desired, apply immediately after the first coat has absorbed into the surface, but while it is still wet. Redistribute or remove any EUCO-GUARD 350 that does not immediately soak into the surface. When applying to vertical surfaces, spray or roll from the bottom up.

PRECAUTIONS/LIMITATIONS

- EUCO-GUARD 350 is a flammable liquid. Use with adequate ventilation and keep away from heat, sources of spark or ignition, and open flames. Not recommended for interior use or use in enclosed areas. Block all HVAC ventilation ducts which may distribute solvent odor to interior spaces. When used on extremely porous exterior substrates, the solvent odor may dissipate slowly. If solvent odor is objectionable, use of a water-based, low odor product may be preferred.
- Do not dilute EUCO-GUARD 350 with solvents or thinners.
- Protect metal, glass and other surfaces from overspray.
- EUCO-GUARD 350 may darken some surfaces. A test section is recommended if appearance is critical.
- Do not use at temperatures below 40 °F (4 °C).
- Do not use over water saturated surfaces.
- All joint sealants and caulks should be in place before applying EUCO-GUARD 350.
- Do not allow to puddle. All product should penetrate the substrate with no surface build-up.
- Do not apply if rain is expected within 8 hours.
- This product does not prevent oil stains or discoloration from fallen tree leaves.
- A small (6' x 6') test area is strongly recommended prior to starting full application, in order to ensure desired performance results, aesthetics, and coverage rates. Allow 5 to 7 days for product to fully react before evaluating.
- • In all cases, consult the Safety Data Sheet before use.

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