

DIAMOND CLEAR VOX

NON-YELLOWING, WATER BASED CONCRETE CURE AND SEAL

DESCRIPTION

DIAMOND CLEAR VOX is a water based acrylic curing and sealing compound. This product provides a quality cure to freshly placed concrete while assuring total resistance to yellowing from ultraviolet exposure. DIAMOND CLEAR VOX promotes proper hydration of cement in new concrete by preventing rapid loss of moisture. Used as a sealer, DIAMOND CLEAR VOX helps concrete repel water and gives surfaces a slightly glossy appearance.

PRIMARY APPLICATIONS

- Curing and sealing new concrete where a non-yellowing membrane with slight gloss is desired

FEATURES/BENEFITS

- Low odor
- Non-yellowing
- ♣ Can contribute to LEED points

TECHNICAL INFORMATION

Material Properties @75°F 50% RH

Viscosity	25 to 50 cp
Solids Content	20%
VOC content	126 g/L
Initial dry time	1 hour
Re-Coat time	2 to 4 hrs

PACKAGING

DIAMOND CLEAR VOX is packaged in 55 gal (208 L) drums, 5 gal (18.9 L) pails and cases of 6/1 gal (3.79 L) containers.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- USDA compliant
- AASHTO M 148 Type 1

COVERAGE

Application	ft ² /gal (m ² /L)
Cure/seal new concrete	200 to 300 (4.9 to 7.4)
Seal/dustproof old concrete	300 to 400 (7.4 to 9.8)

The following coverage rates are approximate and for estimating purposes only. Make test applications on actual surfaces to determine exact coverage rates. Additional coats can be used to alter gloss or appearance.

Heavy applications, application in cool, cold, or humid conditions, or prolonged exposure to moisture may cause DIAMOND CLEAR VOX to be powdery or have a milky-white appearance. Follow all application instructions carefully.



The Euclid Chemical Company

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An **RPM** Company



DIRECTIONS FOR USE

Surface Preparation, Existing Concrete: Surface must be structurally sound, clean, free of dust, dirt, laitance, efflorescence, curing compound, paint, oil, grease and other contaminants. Prior to application, surface defects, voids, cracks and joints should be properly treated and repaired. Concrete may be damp, but must be free of standing water. If acid has been used to clean the surface, neutralize the surface prior to using DIAMOND CLEAR VOX. Always test surface pH to insure all acid has been neutralized prior to application.

Freshly Placed Concrete: Horizontal surfaces must be finished and show no surface “sheen” from the moisture. The surface must be able to withstand foot traffic.

Mixing: DIAMOND CLEAR VOX requires no mixing.

Application: Apply DIAMOND CLEAR VOX in an even, continuous film by sprayer, short-napped roller or brush. Use an applicator pad or roller to pick up puddles or excess material from the surface. A second coat may be applied depending upon the desired surface gloss. When applying to fresh concrete, a delay of 24 hours is recommended before application of the second coat. If the delay between the first and second coat results in the contamination of the surface, the surface must be thoroughly cleaned before the application of the second coat. When using DIAMOND CLEAR VOX to seal existing concrete, a second coat may be applied as soon as the first coat has dried 2 to 4 hours at 75°F (24°C). The surface porosity and the amount of surface sheen desired determines the selection of material for the second coat. The sealed concrete can usually be opened to foot traffic in 8 to 12 hours, with maximum sealer durability developed within 7 to 10 days. A light maintenance coat is recommended every 1 to 2 years depending on the concrete’s exposure to traffic, abrasion, weathering, etc.

CLEAN-UP

Clean up tools and equipment, overspray and drips with hot, soapy water. Dried product is very difficult to remove.

PRECAUTIONS/LIMITATIONS

- Store between 50°F to 90°F (10°C to 32°C).
- Protect from freezing.
- Before applying the DIAMOND CLEAR VOX to the entire surface, test a small area to verify appearance on the substrate.
- Do not use on glazed surfaces or over ceramic tile.
- Applications which result in excess material on the concrete surface may result in an uneven, “spotty” appearance after cure.
- Heavy applications, applying in cool or cold weather, or prolonged exposure to moisture may cause this product to have a milky appearance.
- High humidity conditions and very hot/windy days will adversely affect drying and performance of this product.
- Do not apply if rain or heavy fog is likely within 8 to 12 hours after application.
- Do not apply DIAMOND CLEAR VOX to frost-filled or frozen surfaces.
- The sealer may darken the surface and may highlight surface imperfections.
- Do not allow to freeze. Use adequate ventilation during application and cure.
- Application temperature range is 45 - 95°F (7 - 35°C).
- In all cases, consult the Material Safety Data Sheet before use.

Rev. 6.11

WARRANTY: The Euclid Chemical Company (“Euclid”) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year 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.

SUPER DIAMOND CLEAR VOX

NON-YELLOWING, HIGH SOLIDS CONCRETE CURE AND SEAL

DESCRIPTION

SUPER DIAMOND CLEAR VOX is a high solids, water based acrylic curing and sealing compound. This product provides a quality cure to freshly placed concrete while assuring total resistance to yellowing from ultraviolet exposure. **SUPER DIAMOND CLEAR VOX** helps control hydration of cement by preventing rapid loss of moisture through the surface of newly placed concrete. **SUPER DIAMOND CLEAR VOX** can also be used on existing concrete, giving surfaces a glossy appearance and a protective seal.

PRIMARY APPLICATIONS

- Curing and sealing concrete where a non-yellowing, glossy finish is desired

FEATURES/BENEFITS

- Low odor
- Non-yellowing, high solids formula
- Can contribute to LEED points
- Excellent cure and durable seal

TECHNICAL INFORMATION

Material Properties @75°F 50% RH

Viscosity	40 to 100 cps
Solids Content	28%
VOC content	200 g/L
Initial dry time	1 hour
Recoat time	2 to 4 hrs

PACKAGING

SUPER DIAMOND CLEAR VOX is packaged in 55 gal (208 L) drums, 5 gal (18.9 L) pails and cases of 6/1 gal (3.79 L) containers.

SHELF LIFE

1 year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- ASTM C 1315, Type 1, Class A
- AASHTO M 148 Type 1
- USDA compliant

COVERAGE

Application	ft ² /gal (m ² /L)
Cure/seal new concrete	200 to 300 (4.9 to 7.4)
Seal/dustproof old concrete	300 to 400 (7.4 to 9.8)

The following coverage rates are approximate and for estimating purposes only. Make test applications on actual surfaces to determine exact coverage rates.

Heavy applications, application in cool, cold, or humid conditions, or prolonged exposure to moisture may cause AQUA-CURE VOX to be powdery or have a milky-white appearance. Follow all application instructions carefully.



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DIRECTIONS FOR USE

Surface Preparation, Existing Concrete: Surface must be structurally sound, clean, free of dust, dirt, laitance, efflorescence, curing compound, paint, oil, grease and other contaminants. Prior to application, surface defects, voids, cracks and joints should be properly treated and repaired. Concrete may be damp, but must be free of standing water. If acid has been used to clean the surface, neutralize the surface prior to using SUPER DIAMOND CLEAR VOX. Always test surface pH to insure all acid has been neutralized prior to application.

Freshly Placed Concrete: Horizontal surfaces must be finished and show no surface "sheen" from the moisture. The surface must be able to withstand foot traffic.

Mixing: SUPER DIAMOND CLEAR VOX requires no mixing.

Application: Apply SUPER DIAMOND CLEAR VOX in an even, continuous film by sprayer, short-napped roller or brush. Use an applicator pad or roller to pick up puddles or excess material from the surface. A second coat may be applied depending upon the desired surface gloss. When applying to fresh concrete, a delay of 24 hours is recommended before application of the second coat. If the delay between the first and second coat results in the contamination of the surface, the surface must be thoroughly cleaned before the application of the second coat. When using SUPER DIAMOND CLEAR VOX to seal existing concrete, a second coat may be applied as soon as the first coat has dried 2 to 4 hours at 75°F (24°C). The surface porosity and the amount of surface sheen desired determines the selection of material for the second coat. The sealed concrete can usually be opened to foot traffic in 8 to 12 hours, with maximum sealer durability developed within 7 to 10 days. A light maintenance coat is recommended every 1 to 2 years depending on the concrete's exposure to traffic, abrasion, weathering, etc.

CLEAN-UP

Clean up tools and equipment, overspray and drips with hot, soapy water. Dried product is very difficult to remove.

PRECAUTIONS/LIMITATIONS

- Store between 50°F to 90°F (10°C to 32°C).
- Protect from freezing.
- Do not use on glazed surfaces or over ceramic tile.
- Applications which result in excess material on the concrete surface may result in an uneven, "spotty" appearance after cure.
- Heavy applications, applying in cool or cold weather, or prolonged exposure to moisture may cause this product to have a milky appearance.
- High humidity conditions and very hot/windy days will adversely affect drying and performance of this product.
- Do not apply if rain or heavy fog is likely within 8 to 12 hours after application.
- Do not apply SUPER DIAMOND CLEAR VOX to frost-filled or frozen surfaces.
- The sealer may darken the surface and may highlight surface imperfections.
- Do not allow to freeze. Use adequate ventilation during application and cure.
- Application temperature range is 45 - 95°F (7 - 35°C).
- In all cases, consult the Material Safety Data Sheet before use.

Rev. 6.11

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year 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.

EVERCLEAR VOX

WATER BASED, LOW VOC ACRYLIC SEALER FOR CONCRETE

DESCRIPTION

EVERCLEAR VOX is a water based pure acrylic sealer for concrete with excellent blush resistance and total resistance to yellowing from UV exposure. This sealer imparts an attractive, low gloss and protection to all concrete surfaces, and is especially suited for decorative concrete. Formulated with a very low VOC content, EVERCLEAR VOX is compliant with all VOC regulations in the United States and Canada and its low odor makes it usable indoors or out. EVERCLEAR VOX dries to a clear, matte finish, but a higher gloss can be achieved with additional coats.

PRIMARY APPLICATIONS

- Concrete driveways, sidewalks, floors
- Stamped, stenciled, colored, acid stained concrete
- Concrete pavers and precast units
- Cultured stone

FEATURES/BENEFITS

- Non-yellowing, medium gloss sealer provides protection and improved appearance to concrete
- Low odor
- Complies with all U.S. EPA and local VOC regulations, including OTC, LADCO, Maricopa County, and California (CARB and SCAQMD)
- Excellent abrasion and blush resistance
- Can be applied over previous coats of sealers – water based and solvent based
- Excellent recoatability
- ♣ Can contribute to LEED points (EQ Credit 4.2)

TECHNICAL INFORMATION

VISCOSITY, cP	5
COLOR	Milky White (wet) Crystal Clear (dry)
DRY TO TOUCH	less than 1 hour
FOOT TRAFFIC	4 to 6 hours
WHEEL TRAFFIC	6 to 10 hours
% SOLIDS (BY WEIGHT)	> 25%

VOC CONTENT	93 g/L
WEATHEROMETER CYCLING @ 100 HOURS	No yellowing or loss of gloss
RESISTANCE TO GASOLINE, BRAKE FLUID, SOLVENTS	Poor
RESISTANCE TO ACIDS/ALKALIES	Moderate
BLUSH RESISTANCE	Excellent

*Slight blushing, or whitening of the sealer film, is possible during the first one or two wetting and drying cycles after sealer application. Likelihood of blushing is increased when the EVERCLEAR VOX surface becomes wet before the sealer has fully dried. This initial blushing is fully recoverable when the source of water is gone. Fully dried EVERCLEAR VOX is extremely blush resistant.

SHELF LIFE

2 years in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- ASTM C 1315 (excluding water retention)
- ASTM C 309, Type 1, Class A & B
- Acceptable for use in USDA inspected facilities



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PACKAGING

EVERCLEAR VOX is packaged in 55 gal (208 L) drums, 5 gal (18.9 L) pails and 6/1 gal (3.8 L) units per case.

COVERAGE

The coverage rate range is 300 – 400 ft²/gal (7.4 – 9.8 m²/L), and is highly dependent on substrate texture and porosity.

NOTE: DO NOT APPLY THICKER THAN RECOMMENDED AS THIS MAY CAUSE DISCOLORATION AND POOR PERFORMANCE.

DIRECTIONS FOR USE

Surface Preparation: The surface to be sealed with EVERCLEAR VOX must be structurally sound, clean, and dry. EVERCLEAR VOX can be applied over a previous coat of acrylic concrete sealer; however, when the chemical makeup of the previous sealer is unknown, a small test section is recommended to ensure compatibility. Pre-mixing of EVERCLEAR VOX is not required. Do not thin or dilute with water or any other solvent.

Application: Apply EVERCLEAR VOX in a uniform, continuous film by hand-held low pressure pump-up sprayer, short nap roller, or foam roller. When spraying, backroll over any sprayer overlap marks to ensure even coverage. Redistribute or remove puddles or excess EVERCLEAR VOX before it dries. Follow recommended coverage rates carefully to avoid uneven or heavy applications. For best results, two thin coats of EVERCLEAR VOX are recommended, with a minimum 1-2 hour interval between applications, following the prescribed coverage rates.

REMOVAL

Dried, cured EVERCLEAR VOX may be removed with a strong solvent such as acetone. (Always follow package directions and warning labels).

CLEAN-UP

Clean tools and equipment with water immediately following use. Clean drips and overspray with warm soapy water while still wet. If not cleaned immediately, the sealer may leave an unwanted residue on painted surfaces, glass or wood.

PRECAUTIONS/LIMITATIONS

- Do not allow containers of this product to freeze during transport or storage. Material becomes unusable if allowed to freeze. Store between 50°F to 100°F (10°C to 38°C).
- For best application results product temperature should be between 50°F to 100°F (10°C to 38°C) with ambient and surface temperatures between 45°F to 95°F (7°C to 35°C).
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended to ensure good bond between the adhesive and EVERCLEAR VOX.
- In all cases, consult the Material Safety Data Sheet before use.

Rev. 7.11

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