



HYDROZO® CLEAR DOUBLE 7 VOC

Clear solvent-based, VOC-compliant, water-repellent sealer for porous substrates

Advantages

- Does not adversely change the natural surface appearance
- Excellent for cool weather applications
- Helps reduce efflorescence, atmospheric staining and mildew
- Highest degree of water repellency in a solvent-based formula
- Greater than 50% active ingredients

Where to Use Hydrozo® Clear Double 7 VOC

- Porous brick and concrete block
- Exterior
- Vertical
- Concrete
- Stucco

How to Apply Hydrozo® Clear Double 7 VOC

Surface Preparation

1 New concrete block and brick surfaces shall be cleaned to have all laitance, construction dust and cured materials removed prior to application. Existing surfaces must be dry and thoroughly cleaned to remove surface materials, previous coatings, alkali, efflorescence, sand, surface dust/dirt, oil or grease. Repoint any loose, disintegrated or cracked mortar and allow a minimum of 72 hours drying time before application.

2 Surface air and material temperatures should be 20°F to 95°F (-7°C to 35°C) during application. Do not apply Hydrozo® Clear Double 7 VOC when temperatures are expected to fall below 20°F (-7°C) within 12 hours. It is recommended to avoid rain for 12 hours following the application.

3 Caulking, sealant and patch work must be done prior to the application of the sealer. Sealant must be fully cured prior to application of Hydrozo® Clear Double 7 VOC.

Application

Perform a test panel (minimum 5' x 5' [1.5 m x 1.5 m]) before general application to ensure desired results, coverage rates and to verify application technique. Allow 5 - 7 days for the product to fully react before evaluating. Refer to Tech Note: Test Area Application.

- 1** Mix material prior to and during application.
- 2** Apply from the bottom up for uniform distribution of the sealer. Apply to saturation, with a controlled rundown of 8" (20 cm) to ensure maximum penetration into substrate. Low pressure non-atomizing sprayer is recommended.

Dry Time

Typical drying time for Hydrozo® Clear Double 7 VOC is 4 hours at 70°F (21°C) and 50% relative humidity. Cooler temperatures or higher relative humidity can extend the drying time.

Clean Up

Clean equipment with mineral spirits or xylene.

For Best Performance

- Protect glass, metal, plastic and other non-porous substrates from overspray. Hydrozo® Clear Double 7 VOC will not etch glass but will leave a residue on non-porous surfaces.
- Pump and nozzles must be clean and dry for proper application.
- Asphalt-based products such as roofing materials or plastic products, shrubbery and plant life should be protected from overspray.
- Plastic windows will turn opaque when sprayed with this product.
- Caution should be taken with specialty coated glass.
- Hydrozo® Clear Double 7 VOC can react with moisture or other contaminants. Ensure that spray/pump equipment and surfaces to be treated are clean and dry. Clean all pumps, lines, and nozzles with an anhydrous solvent prior to sealing.
- Variations in the texture and porosity of the substrate will affect the coverage, appearance and performance of the product.
- Do not apply during inclement weather or when inclement weather is anticipated within 12 hours.
- Hydrozo® Clear Double 7 VOC will not inhibit water penetration through unsound or cracked surfaces, or surfaces with defective flashing, caulking, or structural waterproofing.
- To prevent damage to nearby shrubbery and landscaping, cover or protect with drop cloth.
- Make certain the most current version of this data guide is being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by ChemRex® personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.

Technical Data

Physical property	Result
Composition	Proprietary blend of alkylalkoxysilane and special additives in a solvent carrier
Active alkylalkoxysilane silane content	Greater than 53% by weight
Moisture penetration through masonry CMU ASTM E 514	99.5% Reduction
Reduction in water absorption (vs. untreated) ASTM C 67	99.6%
Reduction in water absorption (vs. untreated) ASTM C 140	97%
Appearance	Clear liquid
Flashpoint	53°F (12°C)
Surface appearance after application	Unchanged to slight darkening

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Order Information

Packaging

Hydrozo® Clear Double 7 VOC

- 5 gal. (18.9 L) pails
- 53 gal. (201 L) drums

Shelf Life

- Shelf life is one year if stored in original, unopened containers under normal conditions. Store material between 35°F and 110°F (2°C and 43°C).

Coverage

Brick

- 100 - 225 square feet per gallon (3.7 - 5.5 m²/L)

Concrete block

- 85 - 125 square feet per gallon (2.1 - 3.1 m²/L)

Stucco

- 90 - 150 square feet per gallon (2.2 - 3.7 m²/L)

Coverage may vary greatly with porosity of the substrate. Perform test panels to ensure desired results and coverage rates.

Warning

Hydrozo® Clear Double 7 VOC contains triethoxysilane, octyltriethoxysilane, tetraisopropyl titanate, isopropanol

Risks

Flammable liquid and vapor. May cause skin and eye irritation. Ingestion may cause irritation. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

KEEP AWAY FROM CHILDREN. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. Vapors are heavier than air. Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

For more information see Material Safety Data Sheet (MSDS) for this product.

Proposition 65

This product does not knowingly contain chemicals listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

525 g/L or 4.38 lbs./gal. less water and exempt solvents.

For medical emergencies only, call ChemTrec (1/800/424-9300).

Limited Warranty Notice

Every reasonable effort is made to apply ChemRex® exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, CHEMREX® MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and CHEMREX® shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the ChemRex® Technical Manager.



ChemRex®

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