

X-440 PENETRATING SEALER WB

USE & CARE GUIDE

Product Name:

Vital Coat X-440 RTU & X-440C (X-440) Penetrating Water Based Concrete and Masonry Sealer and water repellent.

Description:

Vital Coat X-440 sealer is a high performance, high solids water based low VOC Silane Siloxane penetrating sealer and water repellent for concrete and masonry surfaces. It penetrates deep into the surface and chemically reacts with the concrete to create a protective hydrophobic water repellent barrier yielding a longer lasting protection against water intrusion, salts, staining, freeze/thaw, mold and mildew, efflorescence, dusting, scaling and spalling. X-440 is a non-yellowing, UV resistant sealer that does not leave behind a visible surface film, and will not change the look or color of the surface preserving the natural characteristics of the treated substrates.

X-440 Penetrating Sealer can be applied to residential and commercial, interior or exterior, horizontal or vertical structures. It protects concrete and masonry surfaces including architectural concrete, concrete block, split-face block, pavers, stucco, porous and dense brick, clay tile, etc. It is also an excellent choice for high-traffic areas because it does not create a slippery film on top of the surface. X-440 helps protect your concrete and masonry surfaces to resist common issues such as staining, cracking and other damages caused by intrusion of water.

Recommended Uses

- Pool decking
- Retaining Walls
- Warehouse Floors
- Stucco
- Aggregate
- Mortar and Grout
- Concrete Pavers
- Block Walls
- Chimneys
- Natural Stone
- Driveways
- Patios

Approximate Coverage

Approximate Coverage rate is approximately 150 - 250 ft.² /gal. (1.2 - 6.1 m² /L). Coverage is approximate and may vary depending on surface finish/texture, concrete condition, climatic conditions, etc. Always apply to a test area first to determine actual coverage rate before full-scale application.

Easily applied with a pump sprayer, roller, or brush.

X-440 Benefits

- ✓ Provides superior water repellency, while allowing surface to breathe.
- ✓ Does not change the appearance of the substrate.
- ✓ No slippery film is formed on the substrate.
- ✓ Works on new or existing structures.
- ✓ Provides a protective hydrophobic barrier to prevent water penetration.
- ✓ Reduces deterioration from spalling and pitting because of exposure to salts and chlorides.

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- ✓ Will Preserve the natural, unsealed look and feel of the substrate
- ✓ Efflorescence and strong alkali resistance.
- ✓ Water Based and VOC Compliant
- ✓ Long Lasting up to 5 Years.
- ✓ Reduces chloride penetration
- ✓ UV resistant
- ✓ Alkali resistant
- ✓ Freeze/Thaw/De-icing salt resistant.
- ✓ Provides excellent resistance to mold, mildew, and fungus
- ✓ Reduces dirt pick-up

Packaging

It is available in 1 Gallon (3.79 Liter) jugs, 5 Gallon (18.93 Liter) Pails, 55 Gallon (208.20 Liter) Drums, and 275 Gallon (1041 Liters) Totes. Delivery Restrictions May Apply. See shipping terms in terms and conditions.

Product Specifications

Complies with all current federal, state, and local maximum allowable VOC requirements.

Appearance	Milky white emulsion
Odor	Mild Acid Odor
pH	12.0-13.0
Solids	5%
Application Temperature	40°F - 90°F (4°C – 32°C)
Dry Time	1-2 hours dry to touch – 24 to 48 hours for wheel traffic
Shelf Life	Within 1 year of date of manufacture.
Flash Point	Not Flammable
Solubility	Soluble with Water
Storage	Store indoors in original unopened containers. Do not allow to freeze.
Clean Up	Soap and Water

General Instructions.

Before using this product read the Technical Data Sheet (TDS) and the Safety Data Sheet (SDS) found at www.vitalcoat.com. Apply in temperatures between 40°F - 90°F (4°C – 32°C). Always tighten lid thoroughly after use. Always perform a test application for proper penetration on each type of surface prior to full-scale application to determine suitability and final appearance. Test using the recommended application instructions. Let area dry thoroughly before inspection.

General Surface Preparation

Surface preparation is important. Surfaces must be structurally sound, clean and free from as much dirt, stains, efflorescence, oil, and other contamination as possible. Protect people, vehicles, property, plants, and all surfaces from exposure to the product, from splash, residue, and wind drift before application. Do not mix or add any other chemical to this product. Insure that surface is thoroughly dried before application. Excessive moisture inhibits sealer penetration. A small test must be conducted prior to application. Based upon this test, the purchaser shall determine for

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themselves the suitability of this product for the intended use. Allow 14 - 28 days for new concrete or masonry to cure before applying X-440.

Application

X-440 can be sprayed, brushed or rolled. For best results, using a quality sprayer capable of a producing a steady pressure under 40 psi. A .1 - .2 GPM tip is recommended. Completely saturate the surface ensuring that the entire surface is saturated. Do not let the product puddle on the surface or dry on the surface. Back roll with a brush or a medium nap paint roller. **DO NOT OVERAPPLY.** Let dry for 10 to 15 minutes. If second coat is needed, apply wet-on-wet. On highly permeable surfaces, additional coats may be necessary. On vertical applications, apply from the bottom up. Protect surfaces from rainfall for six hours following treatment. Many surfaces need several days to develop optimum water repellency.

Clean Up

Immediately clean tools, equipment, and overspray with soap and warm water. Dispose of containers in accordance with local and federal regulations.

Precautions

Do not alter or add any other chemical to the product. Do not dilute unless specified in the Technical Data Sheets. Do not allow to freeze. Mix well before using. X-440 will not hide existing surface stains. Temporary darkening of some substrates may occur. Do not apply if rain is expected within 24 hours. Protect treated surfaces from rainfall for a minimum of six hours following treatment. Not intended for use on surfaces that will be constantly be submerged in water.

Warranty

Warranty of this product, when used per the directions, is limited to refund of purchase price or replacement of product (if defective), at manufacturers' or seller's option. See complete warranty details at www.vitalcoat.com