



Vital Coat

Enhance & Seal

Technical Data Sheet (TDS)

Description

Vital Coat Enhance and Seal is a high performance, deep penetrating water based low VOC silicone and organic polymer penetrating sealer. It is an excellent water repellent and enhancer on a wide variety of porous mineral substrates including concrete, natural and artificial stone as well as unglazed ceramic tile. 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. Vital Coat Enhance and Seal is a non-yellowing, UV resistant sealer that produces a nice enhanced look to your substrates.

Primary Applications

Vital Coat Enhance and Seal is a Color Enhancing Penetrating Sealer that can be applied to residential and commercial, interior or exterior decorative stone and concrete projects. It protects concrete, pavers, stucco, porous artificial and natural stone, clay tile, unglazed tile. It is also an excellent choice for high-traffic areas because it does not create a slippery film on top of the surface. Vital Coat Enhance and Seal helps protect your concrete and stone surfaces to resist common issues such as staining, cracking, spalling, efflorescence, and other damages caused by intrusion of water.

Features/Benefits

- *Environmentally Friendly. Low VOC
- *High Performance
- *Produces a Vibrant Appearance
- *Cured surface can be painted
- *Repels Water, Hindering Penetration
- *Seals in the Joints
- *Physically and Chemically Bonds to Substrate
- *Provides UV Protection

Technical Information

Property	Result
Solids	10.0%
Appearance	Milky White - Dries with a shiny appearance
Odor	slight
pH	9.2
Application Temperature	50°F - 90°F
Flashpoint	>199°F
VOC Content +/-2%	<50g/L
Dry to Touch	2 hours
Dry for Traffic	24 hours

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. Other quantities available upon request.

Coverage

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.

Shelf Life

This product has a shelf life of up to two years in its original, sealed, unopened container. If product appears to be hardened or separated contact Vital Coat before use.

Directions for Use

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.

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 much 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. Ensure 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 themselves the suitability of this product for the intended use. Allow 28 days for new concrete or masonry to cure before applying.

Application: Vital Coat Enhance and Seal can be applied by pump sprayer, sponge, brushed or rolled. For best results, using a quality pump sprayer capable of 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. Immediately clean tools, equipment, and overspray with soap and warm water.

Drying: Do not touch treated surface during dry time. Do not add water or allow water to come in contact while curing. Protect surface from debris coming in contact with surface while drying. Allow to dry completely for approximately 24 hours before allowing heavy traffic on the treated surface.

Clean-up

Immediately after use, Clean tools and equipment with soap and water. Dispose of containers in accordance with local and federal regulations.

Precautions/Limitations

Before handling, consult the Safety Data Sheet and Container Labels for physical and health hazard information.

Do not allow products to freeze in storage or during application.

It is not recommended to apply Vital Coat Sealers over other types of sealers.

Minimum surface and ambient temperature of 45°F (7°C) and rising at the time of application.

For optimum results, condition material to 65°F to 85°F (18°C to 29°C) at least 24 hours prior to use.

Do not alter or add any other chemical to the product. Do not dilute unless specified in the Technical Data Sheets.

XP-900 will not hide existing surface stains. Temporary darkening of some substrates may occur

Not intended for use on surfaces that will be constantly be submerged in water.

Mix well before using.

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Rev.

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