



Vital Coat
V-100 Premium Sealer
Technical Data Sheet (TDS)

Description

V-100 Premium Sealer is a two-part Acrylic-Epoxy system that utilizes Vital Coat's unique acrylic resin. When mixed with Vital Coat Activator, this formulation will yield a water resistance shell within two hours of application which is a great advantage in case of inclement weather or other exposure to moisture. It takes V-100 Premium up to 72 hours to reach a full cure at ambient temperatures. Even quicker with elevated temperatures. The ambient dried coating will have excellent resistance to solvents such as Methyl Ethyl Ketone (MEK), Acetone and Isopropyl Alcohol. Detergents and cleaners will not remove this coating. It also resists staining.

Primary Applications

V-100 Premium Sealer is recommended for Interior or Exterior applications. It will provide a protective coating to new or aged Concrete, Masonry, or Stone substrates. V-100 Premium Sealer works well on smooth surfaces will not change the natural color of your substrate. It will dry clear and provide an aesthetically pleasing finish and slight light reflection to the surface.

Features/Benefits

- *Resists Hot Tire Pick-up
- *Repels Oil Based Stains
- *Mold and Mildew Resistant
- *Corrosion Inhibitor
- *Water Resistant Finish
- *Non Yellowing
- *Excellent Adhesion
- *Keeps Concrete and Masonry Looking Fresh and Clean

Technical Information

Property	Result
Solids	20.00%
Appearance	Clear to translucent solution
Odor	Mild
Application Temperature	50°F - 85°F
Pot Life after Mixing Part A with Part B	72 hours
VOC Content	<25g/L
Dry to Touch	2 hours
Re-Coat Time	1 to 2 hours

Note*Higher temperatures will speed up activation time and decrease the pot life of our component products. For every additional 10 degrees in temperature, your coating's pot life will generally decrease by half. The ideal temperature for use is 80°F.

Packaging

This product is available in 1, and 5 gallon containers. Other quantities available upon request.

Coverage

The coverage rate will vary depending upon surface porosity and application method use. The typical range is approximately 250 to 300 sq. ft. per gallon per application. Two applications are recommended with approximately 300 to 350 sq. ft. per gallon coverage. Avoid excessive build up.

Shelf Life

This product has a shelf life of up to one year in its original, sealed, unopened container prior to any activator or catalyst being added. If product appears to be hardened or separated contact Vital Coat before use.

Directions for Use

Surface Preparation: Concrete surfaces must be dry, structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Do not apply if rain is in the forecast within 24 hours.

Mixing: Separate the **Vital Coat Activator** (Part B) from **Vital Coat V-100 Premium Sealer** (Part A) and make sure you have all components required. Mix the entire contents of (Part A) into an appropriate size container for mixing. Add entire contents of (Part B) into the mixing container and mix using a spiral mixer of proper size for 5 to 7 minutes or longer if larger quantities until uniform. Let the mixed sealer rest until all foam and bubbles have dissipated (Approximately 25 min.). After resting, use product immediately. If mixing multiple containers, do not mix more than can be placed in 24 hours. Do not add water or mix with any other components not specified.

Placement: Prior to placement, always test the product on the surface to be treated in an inconspicuous area to ensure proper adherence and satisfactory appearance. Using an appropriate high pressure pump sprayer with a minimum flow rate of .5gal/min, apply a thin uniform layer of sealer in manageable coverage areas before moving to the next. Walk in dry areas only. Sealer goes on with a clear to slight white color but will dry clear. Avoid excessive build up. To remove excessive build up, immediately back roll with light pressure using a medium nap roller after spraying. A second coat is recommended using the same application method. Wait a minimum of 1 hour between coats.

Curing: Do not touch treated surface during curing. 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 48 to 72 hours before allowing heavy traffic on the treated surface.

Clean-up

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

Precautions/Limitations

Before handling, consult the Material 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.

Caution! This product when cured may be slippery when wet.

Never mix with any form of liquid or solvent. Improper thinning may cause sealer to delaminate in a short time frame.

Test in an inconspicuous area prior to use.

Dried or cured sealer may be removed using diamond grinding method or solvent.

Rev. Sep-19

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2172 Arendell Way - Tallahassee, FL 32308

Phone: Toll Free 844-284-2858

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