



Vital Coat
V-200 Protective Sealer
Technical Data Sheet (TDS)

Description

Vital Coat V-200 Protective Sealer is a high performance water-based two Part Acrylic Epoxy system that will provide an exceptional level of protection to many types of hard surfaces. Its unique formula is enhanced with cross linking technology to achieve maximum protection in a short amount of time. Vital Coat's **V-200 Protective Sealer** with cross linking technology enables the coatings to attach to concrete, stone, mortar, and clay tile substrates and will not peel, flake or fade. **V-200 Protective Sealer** with cross linking technology optimizes resistance to chemicals and abrasions. It resists mold and mildew which is essentially a "self cleaning" surface, making routine maintenance very easy and keeping your concrete looking fresh and clean. It is UV Stable and will not turn yellow. It will protect your concrete against frost and salts while increasing its resistance to stains, acids, oils, and moisture. It is environmentally friendly, non-toxic and non-flammable and does not contain hazardous components or release any VOC or noxious fumes.

Primary Applications

V-200 Protective Sealer is recommended for Interior or Exterior applications. It will provide a protective coating to new or aged Concrete, Masonry, or Stone substrates. **V-200 Protective Sealer** will dry clear and will keep the natural look to your concrete while providing an aesthetically pleasing light reflection and a smooth, finished look to the surface..

Features/Benefits

- *Protection from Freeze-Thaw Deterioration
- *Repels Oil Based Stains
- *Mold and Mildew Resistant
- *Will not peel, fade or flake
- *Permanently seals, protects and waterproofs many surfaces
- *UV Resistant, 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	24 hours
VOC Content	<30g/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-200 Protective 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 24 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.

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