

BIO-Vee Gloss TECHNICAL

Water Based Concrete Cure & Seal

**Stand Alone Sealer
Concrete Coating Pretreatment**

- **Nonhazardous for shipping**
- **Non-Yellowing**
- **Easy Application**
- **No Mixing Required**
- **VOC Class: Floor VOC < 5 g/l**

<p>STANDARD PRODUCT DESCRIPTION</p>	<p>BIO-Vee Gloss is a water based curing and sealing compound. It is highly resistant to yellowing from sunlight exposure, VOC compliant, non-flammable and ready to use.</p> <p>When as a cure, BIO-Vee Gloss significantly helps control hydration of the cement by preventing rapid loss of moisture through the surface of newly placed concrete.</p> <p>This product is excellent as a sealer for concrete, exposed aggregate concrete, pavers, natural stone, veneer stone, architectural concrete, and many other decorative concretes.</p> <p>BIO-Vee Gloss is designed to protect and give a satin finish with one coat and 'wet look' with two coats.</p>
<p>USES</p>	<p>BIO-Vee Gloss is used exterior and interior and on most horizontal and vertical concrete and masonry surfaces.</p> <p>Typically used for: Stamped concrete, driveways/patios, concrete pavers/natural stone, veneer stone/garage floors</p> <p>Its low odor makes it ideal for: Offices/hospital/schools, food environments, enclosed work areas</p> <p>It offers outstanding resistance to dirt and attack by air pollutants</p>
<p>PHYSICAL PROPERTIES</p>	<p>COLOR Clear (non yellowing)</p> <p>VAPOR PRESSURE 17mm Hg @ 20°C/68°F Water</p> <p>VAPOR DENSITY > Air</p> <p>SOLUBILITY IN WATER Yes</p> <p>SPECIFIC GRAVITY 1-1.2</p> <p>CLEAN-UP Clean up tools and equipment with warm water or a blend of water/butyl cellosolve. Dried sealer can be very difficult to remove.</p> <p>% VOLATILE BY VOLUME < 5%</p> <p>pH..... 9-10</p> <p>EVAPORATION RATE < 1 Water</p> <p>FLASHPOINT 248° F</p> <p>STORAGE DO NOT FREEZE. Store in temperatures above freezing</p> <p>SHELF LIFE 1 year in protected storage</p>
<p>COVERAGE</p>	<p>The following rates as approximate. Make test applications on actual surfaces to determine exact coverage rates. Additional coats will enhance performance and appearance.</p> <p>As a cure and seal: 150 - 200 sq/ft per gallon</p> <p>On existing concrete: 200 sq/ft per gallon</p> <p>2nd and 3rd coats: 250-300 sq/ft per gallon</p>

BIO-Vee Gloss TECHNICAL DATA

SURFACE PREPARATION	<p>Existing Concrete/Exposed Aggregate: Surface must be structurally sound, clean and free of dust, dirt, laitence, and efflorescence, curing compound, paint, oil, grease and other contaminants.</p> <p>Prior to application, surface defects, voids, cracks and joints should be properly treated and repaired. Concrete should be dry before and remain dry after application for 8-12 hours. If acid has been used to clean the surface, neutralize the surface prior to using ZBIO-Vee Gloss. Always test surface pH to insure all acid has been neutralized prior to application.</p> <p>Freshing Placed Concrete: Horizontal surface must be finished and show no surface 'sheen' from moisture. The surface must be free of bleed water and able to withstand the weight of walking workmen.</p>
APPLICATION	<p>Apply BIO-Vee Gloss in a uniform, continuous manner by low pressure sprayer, short napped roller, brush, or push broom.</p> <p>Freshly Placed Concrete: Apply a full, light to medium even coat of BIO-Vee Gloss ensuring complete and uniform coverage on the surface.</p> <p>Use an applicator or roller to pick up puddles or excess material from the surface. A second coat may be applied depending upon protection and surface gloss desired. A delay of 24 hours is ideal and recommended before application of the second coat. If the delay between the first and second coat results in the contamination of the surface, the surface must be thoroughly cleaned and dry before the application of the second or third coats.</p> <p>Existing Concrete: Apply a full, even coat of BIO-Vee Gloss using a sprayer, roller, brush or broom. A second coat may be applied as soon as the first coat has dried usually (3-4 hours and 75° F).</p> <p>The surface porosity and the amount of surface sheen desired determine the selection of material for the second coat. The coated concrete can usually be opened to foot traffic in 8-12 hours, with maximum surface hardness developed within 7-10 days.</p> <p>A light maintenance coat is recommended every 1-2 years depending on usage.</p>
NOTES	<p>Before applying the sealer to the entire surface, always test a small area to verify sealers appearance and penetration ability. Do not use on glazed, very dense surfaces or over ceramics.</p> <p>Applications, which result in excess material on the concrete surface, may result in an uneven, splotchy appearance after cure. High humidity conditions and very hot/windy days will adversely affect drying and performance of the sealer.</p> <p>Do not apply if rain or heavy fog is likely within 8-12 hours after application. The sealer is not intended to seal floors exposed to underground water or high MVT rates.</p> <p>Do not apply to frost filled or frozen surfaces. The sealer may darken the surface and may highlight surface imperfections.</p> <p>Store between 50°F and 90°F. Do not allow to freeze. Use adequate ventilation during application and cure..</p> <p>Do not apply below 45°F.</p>
TRANSPORTATION	<p>This product is considered a non-hazardous chemical under the OSHA Hazard Communication Standard (29CFR 1920.1200) Transportation classification: USDOT Hazard Class - Non-Regulated.</p>

SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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