

CERTI-VEX ENVIO® MASONRY PAINT

ECONOMICAL • DECORATIVE

DESCRIPTION

CERTI-VEX ENVIO MASONRY is manufactured from solvent-borne modified acrylic resins with selected pigments and fillers to produce an economical decorative acrylic coating that outlasts and out performs conventional paints. This product provides an attractive, breathable, protective coating that enhances the aesthetic appearance of vertical concrete, masonry, block, wood and primed metal surfaces.

It is designed to provide excellent adhesion and weatherability. Can be applied to green concrete without peeling or loss of adhesion, and has excellent resistance to UV light, molds, fungi and environmental chemicals. The product may be applied to exterior or interior surfaces, above or below grade.

BENEFITS

Performance

- Resistant to UV light, molds and mildew
- Covers surface blemishes, cracks and surface imperfections
- Excellent adhesion
- Moisture resistant prevents blistering, peeling, cracking and staining
- Apply down to 20°F (-6°C)
- Performance warranty

Application Advantages

- One coat application
- Apply over highly alkaline surfaces
- Apply to fresh or damp concrete and masonry surfaces
- Apply above and below grade
- Suitable for interior and exterior applications
- Apply in the presence of hydrostatic pressure

Money Saving

- No primer required
- Economical general purpose coating
- Fast track one coat application
- Better weathering characteristics than conventional exterior paints
- Lower maintenance costs

Design Options

- 30 attractive colors
- Custom color matching

RECOMMENDED FOR

Provides functional long lasting exterior coatings:

- | | | |
|--------------------|--------------------------|------------|
| • Retaining walls | • Concrete Bridges | • Tunnels |
| • Precast Concrete | • Tiltup Panels | • Ceilings |
| • Stucco | • Remodeling/Restoration | • Columns |
| • Roof Members | • Cinder Block | • Parapets |

SURFACE PREPARATION

- Surfaces should be cleaned of all foreign materials such as oil, grease, asphalt, mud and powdery substances using one of Vexcon's quality cleaners; **StarSeal Masonry & Brick Cleaner**, **Certi-Vex Stripper Vertical**, or **Certi-Vex Super Degreaser & Cleaner**.
- On old or existing masonry or concrete surfaces where there is loose scaly residue, sandblasting or wire brushing may be necessary.
- Small cracks, voids and blemishes may be filled by troweling **Certi-Vex Envio Tex** or **Certi-Vex Patch RTU** with a large flat bladed spatula.
- Large holes and damaged areas should be repaired using one of Vexcon's high quality vertical repair mortars.
- Plywood, wood and metal surfaces should be primed with **Certi-Vex AC 1315** or **StarSeal 1315**.

APPLICATION

- Before applying follow the directions for surface preparation above.
- Apply by spray equipment (see equipment section). Material must be stirred or agitated thoroughly before use.
- When spraying, particular care must be taken with spray overlap area. Proper technique for spraying calls for a pattern one half the diameter that is used for typical masonry coatings.
- Certi-Vex Envio Masonry Paint may be applied to damp or green concrete as long as there are no slick water surface spots visible.
- Do not apply if rainfall is imminent, or on frosted or frozen surfaces. Apply above 45°F (7°C). May be applied below 45°F (7°C), please contact Vexcon for details.
- Do not apply on highly windy days. Be especially careful of over spray.
- The material can be thinned slightly with paint thinner and applied by brush or roller, however, spraying is recommended.
- Application at a rate of 100-150 sq.ft./gal (2.4 -3.6 m²/L) will provide an average dry film thickness of 13-18 mils (330-460 μm).
- Proper application of Vexcon material is the responsibility of the installer or user. Telephone consultation and/or field visits by Vexcon personnel are for the sole purpose of making technical recommendations only, and not for providing quality control or supervision on location.

SPECIFICATIONS/COMPLIANCE

- VOC – <400 grams/liter or 3.33 #/gallon
Meets:
 - US EPA AIM - Waterproofing Sealers and Treatments
 - OTC - Waterproofing Concrete/Masonry Sealers
 - LADCO - Waterproofing Concrete/Masonry Sealers
 - Canada - Waterproofing Concrete/Masonry Sealers
- CSI reference: 09 97 23 - Concrete and Masonry Special Coatings

SAMPLE ARCHITECTURAL SPECIFICATION

09 97 23: Basis of design: Concrete walls shall be coated with Certi-Vex Envio Masonry Paint as manufactured by Vexcon Chemicals. Surface will be coated at 100-150 sq.ft/gallon in accordance with manufacturer's recommendation in product data sheet VW106 to provide a coating for masonry surfaces.

SPRAYING EQUIPMENT INFORMATION

- Electric Graco Ultra 1000
- Air Graco Bulldog 30:1
- Gas Graco 5000
- Spray equipment must be cleaned and maintained in accordance with manufacturer's directions.
- Consult Vexcon for additional recommendations on spraying equipment and technique.

PACKAGING

Certi-Vex Envio Masonry Paint is available in 50-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

WARRANTY

Many applications have been in place for over ten years. Materials applied according to manufacturer's instructions over suitably cleaned surfaces at the proper film thickness are covered by a five-year material replacement warranty. Contact Vexcon for complete warranty information.

SHELF LIFE

If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock.

VITAL STATISTICS

- Flash Point 106°F (41°C) TCC
 - Boiling Point 310-495°F (154-257°C)
 - Autoignition Temp 473°F (245°C)
 - VOC (g/L) <350g/L
- Use foam, carbon dioxide and dry chemicals as extinguishing media for fires. Water may be used to reduce the rate of burning and to cool containers.

PHYSICAL PROPERTIES

- Weight Solids 70-71%
- Dry Time approx. 4 hr.
- Wt/gal 10.3-10.8 lbs.

HEALTH AND SAFETY

- Use of respirators is mandatory when using this product in confined areas.
- Use only with adequate ventilation.
- If swallowed, do not induce vomiting.
- Use of gloves, goggles and other protective clothing is advised when using this product.

Vexcon MSDS VW106 is an integral part of the safety and application of this product. Before using product, obtain a copy from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

Additional product information, technical assistance and customer services are available by contacting Vexcon Chemicals directly, or our distributors.

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- techservice@vexcon.com
- customerservice@vexcon.com
- sales@vexcon.com
- Voice: 888.839.2661
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WARRANTY

Vexcon warrants that the goods supplied hereunder shall be of its standard quality and shall conform in all material respects to the sample which has been made available for testing by buyer prior to sale. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OR NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES. No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.