



CERTI-VEX ENVIO® BOND

ACRYLIC BONDING AGENT

VOC content: 0 gr/liter

DESCRIPTION

CERTI-VEX ENVIO BOND is a ready to use technically advanced re-emulsifiable modified vinyl acrylic emulsion polymer. Certi-Vex Envio Bond provides versatility by forming a bond between the cement based floor and overlayments, toppings, patches, leveling compounds, stucco, terrazzo and mortar. It provides both chemical adhesion and mechanical bonding between two surfaces and is hard, tough, flexible, and resistant to UV. It also resists damage from freeze-thaw cycles, cracking and shrinkage.

BENEFITS

- Non-yellowing
- Resists most common industrial chemicals, heat and freeze-thaw cycles
- Use indoors and out on vertical and horizontal concrete
- Ideal when bonding is delayed
- Topping can re-emulsify so the two cement surfaces form a strong bond

APPLICATION

Surfaces must be clean and structurally sound prior to application. Prior to application a test area must be performed to determine proper application rate and required surface preparation. Coated area must be free of efflorescence, waxes, oils and internal dampness, paints, laitance or rust. Excessive efflorescence may require the use of one of **Vexcon's concrete cleaners and stain removal products** to properly clean the surface prior to application. Use **Certi-Vex® Concrete Stripper** to remove old sealers, epoxies, urethanes, adhesives, curing compound and floor waxes. Pre-dampen surface then apply Certi-Vex Envio Bond without thinning at a rate of 200 sq.ft./gal.. Apply by brush, roller or industrial spray in a continuous unbroken film. Allow to dry 4-8 hours however, do not allow material to dry completely, then apply topping material. If film has dried reapply a thin coat of Certi-Vex Envio Bond and put on topping mix immediately.

SPECIFICATIONS/COMPLIANCE

- Meets EPA and AIM VOC regulations
- Federal specifications: MiL-B-19235 Bonding Compound Concrete
- GSA Specification for Bond Adhesive
- ASTM C1059-91 Type I for bonding agents
- VOC Compliant

SPECIAL NOTES

- Do not apply below 50° F (10° C)
- Certi-Vex Envio Bond mixes must have control joints to ACI standards at least every 200 sq.ft.(18.6 m²) to prevent cracking
- Certi-Vex Envio Bond is not designed for continuous water or chemical immersion cure
- Moisture cure only. Do not use curing compounds or membranes
- Certi-Vex Envio Bond should be protected from rain for 72 hours after application
- Keep from freezing
- Certi-Vex Envio Bond should not be used as an admixture-Vexcon recommends our product **Certi-Vex Envio® Strong** product bulletin #AB102
- If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock.
- For use by Professional Applicators only

VITAL STATISTICS

- Flash Point: NA
- Boiling Point: 215° F (101° C)
- Autoignition Temp: ND
- Extinguishing Media: Foams, Dry Chemical, CO₂, Water fog or spray

HEALTH AND SAFETY

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

Vexcon MSDS #RP101 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using this Vexcon product it is advisable to obtain a copy of the MSDS #RP101 from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

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

- www.vexcon.com
- TechnicalService@vexcon.com
- CustomerService@vexcon.com
- Sales@vexcon.com
- Voice: 888.839.2661
- Fax: 215.332.9997