

CERTI-VEX ENVIO[®] ASSIST

EVAPORATION RETARDER

DESCRIPTION

CERTI-VEX ENVIO ASSIST is an evaporation retardant that is applied to fresh concrete during finishing to extend working time. When properly applied, Certi-Vex Envio Assist forms a thin, continuous monomolecular film of a fatty acid that reduces early moisture evaporation between the various placing and finishing operations, a major cause of plastic shrinkage cracking.

BENEFITS

- Helps prevent plastic shrinkage cracking
- Holds in surface moisture reducing evaporation rate
- Extends finishing time
- Minimizes rapid drying due to high wind, direct sunlight and high temperatures
- Economical concentrate
- Easy to use, just mix with water
- DOT approved
- Dyed yellow as visual application aid

MATERIAL DILUTION INSTRUCTION

Certi-Vex Envio Assist is supplied as a 9:1 concentrate. In a clean container, add 9 parts water and 1 part Certi-Vex Envio Assist. Mix the container prior to use with a mechanical drum mixer for 15 minutes. Do not dilute less or more than 9 parts water: 1 part concentrate.

APPLICATION

- Apply Certi-Vex Envio Assist as required to extend concrete slab finishing.
- Prior to application, follow directions in MATERIAL DILUTION INSTRUCTION section.
- Apply by sprayer immediately after placement and first screeding of the concrete.
- Apply at 200-400 sq.ft./gal. (5-10 m²/L).
- Repeat spraying procedure as required in localized areas due to premature setting.
- Coverage will vary depending on concrete texture, wind conditions, and ambient temperature.

PROTECT FROM FREEZING

Certi-Vex Envio Assist is supplied as an oil-in-water emulsion. Not recommended for use at temperatures below 40°F (4°C). Keep from freezing and do not store outside in the winter months.

TOPCOATS AND ADHESIVES

Certi-Vex Envio Assist is not a resin-based curing compound and will not leave any film residue on the surface. After concrete finishing, apply a Vexcon curing compound or cure & seal.

PACKAGING

Certi-Vex Envio Assist is available in 55-gallon drums, 5-gallon pails, 275-gallon totes and 1-gallon containers.

SPECIAL NOTES

- Customer assumes responsibility of proper 9:1 dilution of product in accordance with instructions provided.
- Our laboratory is available to test retains prior to usage of Certi-Vex Envio Assist and blended water.
- Failure to follow all instructions may cause product not to perform as anticipated. Seller will have no liability in that event.
- To clean equipment: When wet or dry, use water
- Shelf Life: If properly stored in its original sealed container, one (1) year from date of manufacture. Rotate your stock
- Fugitive dye available upon request
- Can apply to 40°F
- 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.

SHORT SPECIFICATION

Evaporation Control: Monomolecular film forming compound designed to reduce rapid moisture loss during placement, float and finish of fresh concrete as manufactured by Vexcon Chemicals

SPECIFICATIONS/COMPLIANCE

- Meets the requirements of ACI 308R Section 2.3.2 Liquid Applied Evaporation Reducers
- VOC – 0 grams/liter
- Meets:
 - US EPA AIM-Concrete Curing Compound
 - OTC-Concrete Curing Compound
 - LADCO-Concrete Curing Compound
 - CARB-Concrete Curing Compound
 - SCAQMD-Concrete Curing Compound
 - Canada-Concrete Curing Compound
- CSI reference: 03 35 00, 32 13 13

HEALTH AND SAFETY

- Use of gloves, goggles and other protective clothing is advised when using this product.
 - If swallowed, do not induce vomiting.
 - Use of respirators is advised when using in confined areas.
- Vexcon MSDS CC113 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using product, it is advisable to obtain a copy of the MSDS, CC113, from your distributor or by calling Vexcon Chemicals at 888-839-2661.

CONTACT US @

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

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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 EXPRESSED 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.

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