



STARSEAL® EF V-RELEASE

FORM RELEASE TREATMENT • ECO-FRIENDLY

DESCRIPTION

STARSEAL EF V-RELEASE is an eco-friendly form release made from renewable resources and is biodegradable. Provides a clean, smooth and grain free concrete surface. Use on all standard form types.

BENEFITS

- Non-oil base
- Provides clean and smooth grain free concrete surfaces.
- Maximum protection of wood forms
- Non staining
- Quick drying
- Excellent anti-stick properties for metal, aluminum, form liners and plywood forms.
- Minimum labor-just spray, brush or dip forms.
- Reduces surface preparation and painting costs.
- Works effectively with all standard materials including plywood, lumber, steel, plastics and treated paper.

STARSEAL EF

StarSeal EF products are high performance building materials that are dedicated to reducing their environmental foot print by improving the environmental performance of buildings, the air quality of its inhabitants and reducing the effects of volatile organic compounds (VOC's) on the environment.

ECO-FRIENDLY ATTRIBUTES

- Low odor
- Low VOC content
- Safe to use
- Safe to store
- Packaged in recyclable containers

SPECIFICATIONS/COMPLIANCE

- VOC content: 0 grams/liter
- Meets all clean air standards through out the US:
 - USEPA AIM- Form Release Compound
 - OTC- Form Release Compound
 - LADCO/MRPO- Form Release Compound
 - CEPA/EC- Form Release Compound
 - CARB- Form Release Compound
 - SCAQMD- Rule 1113- Form Release Compound
- Meets or exceeds the requirements of the Corp of Engineers, Civil Works Construction Guide, CW-0301, section 2.1.2 and 3.1.3 Bureau of Reclamation Standards
- Ohio EPA contact with potable water
- CSI reference: 03 11 16

APPLICATION

- Forms and other surfaces that are to be made bond free should be cleaned before applying StarSeal EF V-Release.
- Remove buildup of concrete, rust, scale and dirt with Certi-Vex Concrete Remover, and repair any holes or fractures from previous uses before applying.
- Apply by sprayer, brush, roller or dipped on forms immediately before pouring concrete. However, because StarSeal EF V-Release or any other form release agent must be keep off reinforcing steel and any other imbedments, spray application must be done with care when forms and steel are already in place. An alternative is to coat forms with StarSeal EF V-Release just prior to erection of rebar steel.

SPECIAL NOTES

- Do not use as a bond breaker for concrete on concrete.
- Manufacturers of coatings or treatments should be consulted for special application requirements of their products.
- Do not apply form release treatment when surface temperatures are below 40°F.
- Do not apply when rain is predicted 24 hours or less than 1 day after surface has been wet.
- Shelf Life: If properly stored in its original sealed container one year from date of manufacture.
- 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.
- Storage/ Handling: Store in tightly sealed original factory container. Keep from freezing and exposure to moisture. Store at room temperature prior to use. Care should be taken to keep dirt, water and contaminants away from the opening of containers.
- Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- StarSeal EF V-Release can be effective for up to three weeks before concrete is poured.
- It is also recommended that forms be treated with StarSeal EF V-Release between each pour and before long periods of idleness or storage.
- Keep from freezing
- Do not apply on windy days
- Mix well before each use
- Coat Uniformly - Leave No Gaps

SHORT SPECIFICATION

03 11 16: Low VOC Concrete Forming and Accessories. VOC content 0 grams/liter. Manufactured by Vexcon Chemicals.

COVERAGE

700-1000 sq.ft. /gal (18-25 m²/L) Coverage will vary depending on porosity, texture and form material

PACKAGING

StarSeal EF V-Release is available in 55-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

VITAL STATISTICS

- Flash Point: > 121°F (250°C)

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 #FR104 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 from your distributor or by contacting Vexcon.

CONTACT US @

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

- vexcon.com
- techservice@vexcon.com
- customerservice@vexcon.com
- sales@vexcon.com
- Voice: 888.839.2661
- Fax: 215.332.9997

WARRANTY

LIMITED WARRANTY: Vexcon warrants for a period of one (1) year from the date of manufacture that the goods supplied hereunder shall be of its standard quality and free of defects, and conforms to (a) Vexcon's published specifications in force on the date of acceptance by Vexcon of the order and (b) the sample which has been made available for testing by buyer prior to sale. Any claim under this warranty must be made in writing to Vexcon Chemicals within sixty (60) days after such non-conformity is first discovered. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon at its option 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 OF NEGLIGENCE, GROSS NEGLIGENCE, MISUSE, STORAGE DAMAGE, MISAPPLICATION, ACCIDENT, STRICT LIABILITY OR ANY OTHER TORT. 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.

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