



STARSEAL® EF PRIMER

INSTRUCTIONS FOR USE

APPLICATION

- Thoroughly mix with jiffy mixer before using or placing in the spray equipment's reservoir.
- The product is supplied ready to use. Do not dilute with water or solvents.
- Apply by low-pressure sprayer with neoprene fitting. If not available use a roller. If applying by roller for best results use Vexcon's **Even Flow Applicator** or ¼" nap mohair solvent roller.
- Use a roller pan to take off excess product. Do not dip and roll or pour and spread
- **IMPORTANT:** StarSeal EF Primer, when dry, should have a uniform glossy appearance. If there is an appearance of gloss variation, a second thin coat of Primer is always recommended. Two coats at the recommended coverage rate are preferable to one thick coat.
See Second Coat section. For color versions, a second light coat is always recommended.

SURFACE PREPARATION EXISTING CONCRETE

The concrete surface must be properly repaired, structurally sound and cleaned. Use Vexcon's surface prep and cleaning products to properly clean the surface prior to application.

- To remove coatings such as epoxy's, sealers and curing compounds use **StarSeal EF Concrete Stripper**.
- The concrete shall be cleaned with **StarSeal EF Super Degreaser & Cleaner** to remove any dust, dirt or debris and allowed to dry for a minimum of 24 hours after cleaning.
- To remove efflorescence or to etch the surface for improved material penetration use **StarSeal® EF Safe Etch**.
- There should be no freestanding water on the surface when applied.
- Large cracks should be repaired using **Powercoat Epoxy Joint Sealant**.

SEALING EXISTING CONCRETE

- Prior to application a test area must be performed to determine proper application rate and required surface preparation.
- To determine that the concrete is penetrable perform a water absorbency test by applying water to a representative portion of the prepared concrete floor. A properly prepared surface when dry will immediately absorb clean water without any surface beading effects.
- If required use StarSeal EF Safe Etch to improve sealer penetration. Apply one coat of StarSeal EF Primer at 200-300 sq.ft./gal (5.0-7.5 m²L) and allow to dry a minimum of 4 hours and no more than 48 hours before applying any StarSeal EF Epoxy coating.

CURING AND SEALING NEW CONCRETE

- Apply StarSeal EF Primer as soon as possible after the concrete has received final finishing, just as the water sheen disappears.
- If application is delayed, the concrete must be kept wet (preferably by water spray-mist) until the curing coat can be applied.
- Coat uniformly leaving no gaps, slips or excess, at a rate of 200-300sq.ft./gal. (5.0-7.5 m²L).
- Let the concrete cure a minimum of 24 -72 hours before application of **StarSeal EF Epoxy**.

SECOND COAT

A second coat may be required if the first coating is worn, damaged or gloss variation. Surfaces that have been sealed with StarSeal EF Primer should be cleaned of construction dust, mortar, etc. by sweeping, washing and drying thoroughly. Apply a thin coat of StarSeal EF Primer to the clean dry surface at 300-400sq.ft./gal (5.0-7.5 m²L). Let StarSeal EF Primer dry a minimum of 4 hours and no more that 48 hours before applying any StarSeal EF Epoxy coating.

STAINING CONCRETE

StarSeal EF Primer can be used as a stain on concrete by applying lightly or wiping to achieve degree of stain. Apply according to instructions above. A second coat is recommended. Apply StarSeal EF Epoxy over Primer Color.

SPECIAL NOTES

- May show rubber burns
- This product will cause bleeding on bituminous surfaces
- May enhance mottling of colored surface
- Not gasoline resistant
- Equipment clean up: Use **Certi-Vex Equipment Cleaner**, flush with water
- Do not use with topcoats that contain large amounts of ketones, which may lift the StarSeal EF Primer
- For StarSeal EF Primer Color, same lot numbers should be used throughout the project. If lot numbers differ box-mix prior to use
- StarSeal EF Primer Color must be thoroughly mixed prior to each use
- Do not apply below 50°F (10°C)
- If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock
- For use by experienced applicators

PHYSICAL PROPERTIES

• Color	Clear	Color
• Dry to touch	90 minutes	90 minutes
• Dry tack free	60 minutes	60 minutes
• Moisture Retention	Passes	Passes
• Solids:	25%	42%

Note: Dry time and curing time depends on air temperature and film thickness. All calculations based upon 68-77°F (20-25°C). Low temperatures and relative humidity will extend dry time.

HEALTH AND SAFETY

- 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.
- Use of respirators is advised when using in confined areas.

Vexcon MSDS #EFCP 100 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 obtain a copy of the MSDS 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.

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