



STARSEAL EF CONCRETE CURE AND STRIP SYSTEM

DESCRIPTION

Today there is a new generation of industrial, commercial and retail concrete flooring for which the exposed concrete floor is a critical feature to the customer.

The demand is for a very flat, smooth and densified concrete slab with good structural and most important esthetics features.

StarSeal EF Concrete Cure and Strip system is the safest, most effective and environmentally friendly way to cure concrete when dealing with tight construction schedules, or if a longer period of concrete curing is required.

StarSeal EF Concrete Cure and Strip system yields a concrete floor with excellent esthetics, every time.

PROCEDURES

- After the slab is finished, apply Certi-Vex EnvioCure 100 at a rate according to the manufacturer's specifications. Best results are achieved with an airless sprayer with a maximum pressure at 3300 PSI or 22.8 MPA and a gallon per minute (GPM) rate of 0.95 or liter per minute (LMP) rate of 3.6. Depending on the temperature, pressure settings and the tip size may vary.
- Dry time is 4-6 hours prior to foot traffic depending on the temperature.
- Allow Certi-Vex EnvioCure 100 to remain on the floor for the curing period of 7 days, required to meet all industry standards of ASTM 309, CSA and ACI. The concrete is now ready for the stripping procedures to begin.

NOTE: Certi-Vex EnvioCure 100 can stay on concrete longer than curing period required and can be stripped at a later date.

STRIPPING PROCEDURES

- Use StarSeal EF Stripper in accordance with manufactures instructions to strip the Certi-Vex EnvioCure 100
- After Certi-Vex EnvioCure 100 has been stripped by StarSeal EF Stripper, remove residuals with StarSeal EF Degreaser per manufacturers instructions and then rinse.
- Before applying any densifiers, floor sealers, epoxy, urethane or any type of coatings to the floor, consult with the manufacturer's specifications for the product and application procedures.

CURE ADVANTAGES

- This system meets ASTM-309 curing standards and Other curing standards in the industry.
- Less labor intensive and very cost effective compared to **7-10 day wet cure system.**
- During the curing process EnvioCure 100 is safer for walking or working on compared to wet cure systems, which entail very wet curing blankets and polyethylene sheets which may be a slip hazard.
- During the curing process EnvioCure 100 forms a barrier on the surface to protect the slab from many types of spills which may stain the floor.
- System will eliminate dry spots created when wet curing blankets are displaced by foot traffic, wind or construction work taking place. Dry spots are probably the number one problem for a good looking floors esthetics.
- System will prevent washout from external applied curing water migrating to adjacent fresh pours such as construction joints being washed out when finishing concrete slab against a slab being wet cured.

ENVIRONMENTAL ADVANTAGES

- LEED points. For more information go to vexcon.com/green.
- The most environmentally safe system to cure concrete. Sealer, cleaner and stripper are environmentally friendly and residue created by stripping the sealer is biodegradable.
- No need to constantly water floor or to monitor wet cure which wastes clean water to avoid dry spots.
- No non decomposable curing blankets or polyethylene sheets to be trucked and disposed of to land fill garbage sites.

CONCLUSION

AFTER EVALUATION OF ALL FACTORS, THE STARSEAL EF CONCRETE CURE AND STRIP SYSTEM IS THE MOST ECONOMICAL, ENVIRONMENTALLY EFFECTIVE AND THE SAFEST SYSTEM TO CURE CONCRETE SLABS.

COVERAGE RATES

Certi-Vex EnvioCure 100:

200 sq.ft./gal (5.0 m²/l)

StarSeal EF Stripper:

Up to 200 sq. ft. /gal (5.0 m²/l) depending on thickness and type of coating to be removed.

StarSeal EF Degreaser:

1000 sq.ft./gal (25 m²/L)

PACKAGING

All three products are available in 55-gallon drums, 5-gallon pails and 1-gallon containers. Contact Vexcon to discuss your customized packaging requirements

HEALTH AND SAFETY

- See individual MSDS sheets
- 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 # CC105, OP138 and OP140 are 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, # CC105, OP138 and OP140, 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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SHELF LIFE:

Consult individual product data sheet.