



DUDICK, INC.

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STERI-COVE GEL COVE BASE SYSTEM

GREEN BUILDING FEATURES

* Steri-Cove Gel contributes toward satisfying credit MR 5 and EQ 4.2 under LEED.

- Low emitting material
- Low VOC's
- Low installation odor
- Processed and manufactured in Ohio



The LEED (Leadership in Energy and Environmental Design) Green Building Rating System is a nationally accepted benchmark for Design, Construction, and Operation of High Performance Green Buildings.

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* Products are not reviewed or certified under the LEED Rating System. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information on LEED, visit www.usgbc.org/leed.

STERI-COVE GEL

Steri-Cove Gel is an epoxy system designed for installation as integral cove base @ 1/16" to 1/4" thick. For use with Dudick Steri-Flor T, Steri-Flor B, Steri-Quartz T, Steri-Quartz B and Steri-Flake systems.

TYPICAL APPLICATIONS

- Commercial/Institutional Kitchens
- Pharmaceutical & Research Facilities
- Laboratories

- Water Treatment Plants
- Educational Facilities
- Clean Rooms
- Food & Beverage Facilities
- Showers and Bathrooms

STERI-COVE GEL	
Primer 67	150-200 ft ² per gallon
Tack Coat	250 ft ² per gallon
Bodycoat	40-50LF @ 4" by 1/8" - 1" radius
	30-35LF @ 6" by 1/8" - 1" radius
Quartz Aggregate or EA-1 Aggregate	50 lbs. per gallon of mixed resin
Grout Coat	100ft ² per gallon

PRIMING

The following Primers are compatible with Steri-Quartz T: **Primer 67, Primer 67LV, Primer 67DPLV, Primer 67DTO & Primer 60.**

Concrete: Concrete must always be primed to aid in the "wetting-out" required for good bonding. Mix **Primer 67 Component A and B** for 2-3 minutes and apply with a roller at 3-4 mils, WFT to all surfaces that will receive the Steri-Cove Gel. Do not allow the primer to puddle.

PRIMER 67 POT LIFE

Temperature	Pot Life
50°F	90 min.
75°F	60 min.
90°F	30 min.

TACK COAT

Use a disposable brush to apply a thin coat on the vertical surface as well as the appropriate horizontal area which will be part of the seamless cove base.

STERI-COVE GEL MIX RATIO (BY VOLUME) FOR TACK COAT

Steri-Cove Gel Component A 85 oz.
Steri-Cove Hardener Component B 43 oz.

BODYCOAT

Apply the mixed Steri-Cove Gel Bodycoat matrix over the wet tack coat. (**Note:** If the tack coat cures before the matrix is applied – re-apply tack coat.)

BODYCOAT MIX RATIO (BY VOLUME)*

*1 gallon of mixed liquids per 50 lb. bag of aggregate.
Note: Steri-Cove Gel can be used with any of these aggregates: pre-blended color quartz (trowel or broadcast grade), solid color quartz (trowel or broadcast grade) or EA-1 aggregate.

Steri-Cove Gel Component A 85 oz.
Steri-Cove Gel Component B 43 oz.
50 lbs. of aggregate

Prior to adding the aggregate, combine the **A and B Components** and stir mechanically for approximately 2-3 minutes. Thoroughly scrape the sides and bottom of the container and remix for another 30 seconds to achieve a uniform consistency. Gradually add the aggregate, mixing continuously until a uniform mortar is achieved. Trowel up wall with straight edge trowel. Place extra mortar in radius and smooth with small radius coving trowel, approximately 1/2" radius.

GROUT COAT

STERI-COVE GEL MIX RATIO (BY VOLUME) AS GROUT COAT

Steri-Cove Gel Component A 85 oz.
Steri-Cove Hardener Component B 43 oz.

Apply with a disposable brush to excess. Follow with a flat squeegee to remove excess. Allow to cure overnight and repeat (if necessary) for second coat.

STERI-COVE GEL POT LIFE & CURE TIME

STERI-COVE		
Temperature	Pot Life	Cure Time
70°F	20-25 min.	4-6 hrs. touch dry

NOTES

The pot life of **Steri-Cove Gel** system components will depend upon the temperature. To prevent material waste

and avoid damage to equipment, do not mix more material than can be used according to the corresponding tables.

Do not attempt to store mixed material. Residual material should be properly disposed of at the end of each work period.

Application of **Steri-Cove Gel** in direct sunlight may lead to blistering, pinholes, or wrinkling due to outgassing of air in the concrete and high substrate temperatures. Over-trowelling may also lead to blisters.

Double priming, shading or evening application may be required. Consult a Dudick representative.

CLEAN UP

Use **S-10 Cleaning Solvent** to clean tools and equipment. Acetone and MEK may also be used. **DO NOT USE LACQUER THINNER.**

SHIPPING

Refer to Material Safety Data Sheets.

STORAGE

Warning: All Dudick products classified by DOT with white, yellow or red labels must not be mixed or stored together as an explosive reaction can occur.

All products should be stored in a cool, dry area, away from open flames, sparks, or other hazards.

When properly stored in their original, unopened containers at 50°F-75°F, **Steri-Cove Gel** components will have a six-month shelf life. Storage in direct sunlight or excessive heat will reduce working time and shelf life.

SAFETY

M.S.D.S.: Material Safety Data Sheets must always be read before using products. The components of the **Steri-Cove Gel Systems** are intended for application by experienced, professional personnel. Dudick, Inc. can supply supervision to help determine that the surface has been properly prepared, the ingredients correctly mixed, and the materials properly and safely applied. If **Steri-Cove Gel** is to be applied by your own personnel or by a third party contractor, please be sure that they are aware of the following safety precautions:

- Exposure to resins and hardeners through direct skin contact and/or inhalation may cause severe dermatitis reactions in some people. Cleanliness of the skin and clothing is critical and must be of paramount concern.



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COVE BASE SYSTEM**

- Fumes are flammable and heavier than air. Proper ventilation should be maintained to minimize breathing of concentrated fumes.
- Suitable respirators should be used during application.
- Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Discard the clothing. Do not attempt to wash and reuse it. The components of the **Steri-Cove Gel System** liquid can be removed with **S-10 Cleaning Solvent**, MEK, or Acetone.
- Keep open flames and sparks away from the area where materials are being mixed and applied.
- If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.
- In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If swallowed, do not induce vomiting; call a physician immediately.

CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWN TIME, DAMAGES TO PROPERTY OF THE PURCHASER OR OTHER PERSONS, OR DAMAGES FOR WHICH THE PURCHASER MAY BE LIABLE TO OTHER PERSONS, WHETHER OR NOT OCCASIONED BY DUDICK'S NEGLIGENCE. This warranty shall not be extended, altered or varied except by written instrument signed by Dudick and Purchaser.

01/04/18

NOTE: Dudick, Inc. ("Dudick") warrants all goods of its manufacture to be as represented in its catalogs and that the manufacture of its products by its employees or sub-contractors shall be performed in a workmanlike manner. Dudick's sole obligation under this warranty shall be to replace any material which its examination shall disclose to be defective. Dudick makes no warranty concerning the suitability of its product for application to any surface, it being understood that the goods have been selected and the application ordered by the Purchaser. DUDICK, INC. MAKES NO WARRANTY, EXPRESS OR IMPLIED, THAT THE GOODS SHALL BE MERCHANTABLE OR THAT THE GOODS ARE FIT FOR ANY PARTICULAR PURPOSE. THE WARRANTY OF REPAIR OR REPLACEMENT SET FORTH HEREIN IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES ARISING BY LAW OR OTHERWISE; AND DUDICK INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR