

Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

WAVEGUARD-3000 SPLASH ZONE COMPOUND (UNDERWATER EPOXY PATCHING COMPOUND)

DESCRIPTION:

Waveguard-3000 is a two component solvent free epoxy patching compound specifically developed for application to either dry or wet surfaces. It adheres to wet substrates and cures rapidly both in air or while immersed in fresh or salt water. It protects against costly damage due to impact and abrasion from work boats, debris and ice. It is recommended to seal small holes / cracks in boats, and is recommended to arrest corrosion in splash zone areas of bulkheads, pilings, bridge abutments, drilling rigs, water and sewerage treatment tanks and other marine structures. This product should not be applied at temperatures less than 60°F.

TECHNICAL DATA:

COLOR & FINISH:

Olive Green, Semi-Gloss

MIXING RATIOS:

1:1 by volume
(Available in 2-gal.kit & 2 qt. kit)

SOLIDS BY VOLUME:

100%

VOLATILE ORGANIC COMPOUNDS:

0.02 lb./gallon

RECOMMENDED DRY FILM THICKNESS:

1/8 inch/3 mm (per Application)

THEORETICAL SPREADING RATE:

12 sq. ft./gallon

DRYING TIME AT 75°F:

A. TO TOUCH:

3 hrs.

B. TO HANDLE:

6 hrs.

C. TO RECOAT:

8 hrs.

SHELF LIFE:

12 months

POT LIFE AT 75°F (25°C):

1.5-2.5 hrs.

TEMPERATURE RESISTANCE:

300°F -350°F

CLEAN UP THINNER:

R-300

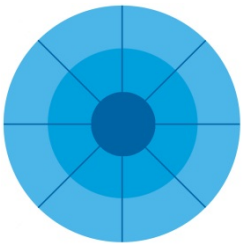
SURFACE PREPARATION: For best results, sandblast to remove rust, scale, barnacles, oil, paint, etc. where the purpose of the coating is to arrest corrosion in the Splash-Zone areas of marine structures. The surfaces should be cleaned over an area extending from the top of the Splash-Zone to a depth of one to two feet below the water level. Sandblasting can be done with conventional equipment below water as well as above.

Simco Coatings Inc.

211 Gunther Ln., Belle Chasse, Louisiana 70037 U.S.A.

Tel: (504) 393-9455 Fax: (504) 433-1406 Toll Free: 1-866-95SIMCO

e-mail: sales@simcocoatings.com web: www.simcocoatings.com



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SPLASH ZONE COMPOUND
(UNDERWATER EPOXY PATCHING COMPOUND)

MIXING: Splash Zone Compound 3000 is supplied as two components. Mix equal parts of Components "A" and "B" together by hand or power mixer until a uniform color is obtained with no streaks. Because of the high viscosity of the components, a power driven stirrer greatly facilitates the mixing operation. Do not over-mix even after uniform olive green color is obtained as it will shorten the pot life.

APPLICATION: Splash-Zone Compound-3000 may be applied by hand. The applicator should wear a skin diver's wet suit, rubber gloves, a life jacket, with a lifeline secured to the structure. An outfit of this type provides warmth, buoyancy, protection against cuts, and overall safety. Best results are obtained if a heavy layer of the coating material is applied above the water line and held in place until it grips the underlying surface.

The material should then be smeared uniformly up and down over the area to be coated and edges should be feathered. To assure adequate coverage, the applicator should aim for a film thickness of 1/8 inch each in 3 or 4 applications for long term protection. When temperature is high 27°C (80°F) or greater, only mix the amount that can be applied within 30 minutes. The material may still appear to be usable after the time limit is exceeded, but it will not properly adhere to the substrate after application and curing. After material has been applied at 1/8 inch, at 27°C (80°F), you can recoat after 6 hours. At 32°C (90°F), recoat after 8 hours.

When applying under water: The coating is easily molded to this thickness if the rubber gloves are kept wet. An alternate method is to smear apply the compound to strips of fiberglass cloth or canvas ducking. The coating membrane should then be pressed carefully against the surface to replace water and tied down. In rough waters or currents it is helpful to spiral wrap the applied compound with glass cloth, canvas or burlap to prevent damage to freshly applied splash zone compound.

NON-WARRANTY: The technical data listed herein has been compiled for your convenience and guidance and is based upon our experience and knowledge. However, since we have no control over the use of this information if this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance or any other damages, including injuries resulting from use of this information or of products recommended herein.

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Tel: (504) 393-9455 Fax: (504) 433-1406 Toll Free: 1-866-95SIMCO
e-mail: sales@simcocoatings.com web: www.simcocoatings.com