



APPLICATION SPECIFICATION

SEA-Speed™ G.C.

(Hard film foul release coating)

SCOPE

This specification, together with the Product Data Sheet, defines the minimum requirements for the Maintenance and the pre-treatment, abrasive treatment, application, and inspection of an exterior gel-coat and or fiberglass hull surface with an **SEA-Speed™ G.C.** coating system. This protective coating for marine hull service is manufactured by NewCoat TECHNOLOGY, LLC of Houston, Texas.

PREPARATION (previously coated surfaces)

Surface Preparation for all Immersed Gel Coat / Fiberglass Surfaces

1. High pressure water blast in order to remove fouling.
2. Mechanically remove fouling by scraping followed by high-pressure water cleaning.
3. Remove any existing antifouling paints to the base gel coat surface
4. Thoroughly sand surface with eighty (80) or sixty (60) grit sandpaper to the point where no glaze is visible. Chimes and waterline are critical areas and special care should be taken to insure those areas in particular are properly prepared.
PLEASE NOTE: Surface preparation is the key to a quality and successful finish.
5. Use compressed air to remove residual dust.



PREPARATION (New hulls)

1. Using acetone or MEK (Methyl Ethyl Ketone), clean the area to be coated to remove any residual mold release compounds remaining on the surface.
2. Thoroughly sand surface with eighty (80) or sixty (60) grit sandpaper to the point where no glaze is visible. Chimes and waterline are critical areas and special care should be taken to insure those areas in particular are properly prepared.
PLEASE NOTE: Surface preparation is the key to a quality and successful finish.
3. Use Compressed air to remove residual dust.

Special Areas

All appurtenances shall be given special attention for removal of slivers, and surface laminations exposed during surface preparation cleaning, shall be removed by grinding and sanding.

- All surfaces must be washed to be free of salt, dirt, oil and grease. If latent oils or grease are present, use 70% or anhydrous Isopropyl alcohol to remove any contamination.

COATINGS

Coating System

1st Coat ***SEA-Speed™ G.C.*** Polysiloxane Epoxy @ (200μ) or 8 mils DFT

The coating can be applied in one or two coats. A one coat application is preferred. A one-coat application shall be 8 mils DFT (Dry film thickness) 9 mils wet. If applied in two coats, apply 4 – 5 mils (100μ - 125μ) per coat. The second coat shall be applied when the first coat is tacky (usually 1 ½ - 2 hours).



Mixing and Application of **SEA-Speed™ G.C.**

1. Mix each component separately with a drill and mixer attachment. Clean the mixer attachment thoroughly with MEK (Methyl Ethyl Ketone) between mixing Part A and Part B.
2. If the coating is to be sprayed, flush all spray equipment thoroughly with MEK solvent to prevent product contamination prior to application.
3. Mix equal parts by volume of Part A and Part B. Using the drill and mixer thoroughly mix components for several minutes until a homogeneous mixture is achieved.
NOTE: It may be advisable to mix only a fraction of the kit at one time due to the pot life of the product.
4. Spray apply first and second coat with airless equipment; we recommend 45:1 airless or better; also, the material hose to be 1/2" O.D. and 3/8" I.D.

INSPECTION AND SAFETY

Inspection

1. It is perceived that the vessel will be placed back into the water before the full cure of the **SEA-Speed™ G.C.** occurs; hence, in order to insure that a proper dry film thickness is achieved, wet film thickness readings must be taken continuously during application.
2. All DFT measurements and their locations shall be in accordance with SSPC PA-2, paragraphs 1-5, and documented for record.
3. Substrate temperature must be above 50°F (10°C) and at a minimum must be 5°F (3°C) above the Dew Point.
4. Vessel may be placed into the water no sooner than twenty four (24) hours after coating and as soon as the coating system has achieved a hardness that is not easily mechanically damaged. If temperatures are or fall below 77°F additional time may be required before being re-floated. **For each 10°F under 77°F (6.25°C under 25°C) add 6 hrs to re-float time.**

Safety

Painters should avoid ingesting coating through the nose or mouth. Proper attire, such as adequate air masks, must be worn during application. Refer to product data sheets and MSDS forms for full details.