

U.S. Department
Of Transportation

United States
Coast Guard



Commandant
U. S. Coast Guard

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Mr. Morrow I. Meyer
Span-World Distribution
P.O. Box 725
LaPlace, LA 70069-0725

Dear Mr. Meyer:

I am responding to your letter of October 5, 2000, in which you requested the Coast Guard consider the use of TEMP-COAT as an insulation and condensation barrier.

Since receiving your letter, the Coast Guard has completed its prototype evaluation of TEMP-COAT. Although the Navy Research Lab's testing indicated that TEMP-COAT was an ineffective insulator, the Coast Guard's in place prototype testing revealed otherwise. Therefore, I am pleased to announce that I have authorized the use of TEMP-COAT on board Coast Guard Cutters and Boats as a ceramic insulation coating for bulkheads and overheads. Thank you for understanding that the prototype process is indeed a lengthy one; your patience in this matter is greatly appreciated. And finally, thank- you for bringing TEMP-COAT to our attention, we are excited to add it to our list of authorized coatings.

Sincerely,



B. C. CAPELLI
Captain, U.S. Coast Guard Director of
Engineering
By direction



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APPENDIX C. COATINGS AUTHORIZED FOR USE ON CUTTERS AND BOATS

A. Paint and Coating Approval Procedures.

- Ships operated by the United States Coast Guard may experience operating conditions significantly more demanding than those seen by their Navy or commercial counterparts. Coatings that perform suitably in those applications may fail prematurely in CG service, leading to excessive recoating and maintenance costs. For these reasons, the CG has established its own list of approved coatings, and this list is included in Section 5 of this Appendix C. The CG accepts military specification (mil spec) and Qualified Products List (QPL) coatings for those applications and areas where their past performance has been acceptable. However, constant advances in coating technology create new, high-performance coatings that are likely to produce significant performance enhancement and/or cost savings. Therefore the CG has also approved commercial coatings for those applications and areas where Mil-Spec/QPL coatings have not performed well, and has placed them on the list of approved coatings.

E. CG Approved Coatings/Materials.

1. Generic Categories

General Material Class	Coating	FED-STD-595 Color
ADHESION PROMOTER/CLEANER (Use following or similar material.)		
	Ameron Prep 88	-
ANTI-ABRASION COATING, ICEBREAKER, SALT WATER <350' AND FRESH WATER		
	Ameron Amerlock 400	Gray / Red
	Ameron Amercoat 238	Black / Red
	International Intershield 350 (KZA 350/KZA 352 / KZA 351) – (For immersed areas, the first coat must be KZA 350-Silver Gray)	Silver Gray / Black / Red
ANTI-ABRASION COATING, ICEBREAKER, SALT WATER >350'		
	International Intershield 163 Inerta 160 (ERA163/ERA 160)	Black / CG Red
ANTIFOULANT, NON-COPPER		
	E Paint SN-1	Black / Gray / White
ANTI-SEIZE COMPOUND (MIL-T-22361 may also be used.)		
	Ultra Safety Systems Ultra Tef-Gel (NSN: 8030-01-450-4009 / 1.0 oz / EA)	-
BILGE EPOXY COATING SYSTEM		
Primer	Euronavy Eurobasic ES301K (Temp. >59 deg F)	Light Gray, Dark Gray, Red Oxide, Light Green (White can only be used as topcoat, not as a primer)
	Euronavy Eurobasic ES301L (Temp. from 41-59 deg F)	Light Gray, Dark Gray, Red Oxide, Light Green (White can only be used as topcoat, not as a primer)
Topcoat	Euronavy EuroGuard ES301S	Light Grey, Red Oxide
CERAMIC INSULATION COATING (and Anti Condensate)		
	Span-World Temp-Coat Type "F"	White