Marine System Guide

New Construction Coating Specification [1]

System Reference	Surface Area	Coating System	Surface Preparation	Typical Dry Film Thickness Microns	Mils
A-1	Underwater Hull (submerged surfaces from keel to deepload line receiving antifouling)	Amercoat 385 Multi-Purpose Epoxy Coating Amercoat 385 Multi-Purpose Epoxy Coating	SSPC-SP 10 (Sa 2-1/2)	125 - 150 125 - 150 250 - 300	5 - 6 5 - 6 10 - 12
A-2		Amercoat 235 Multi-Purpose Epoxy Coating Amercoat 235 Multi-Purpose Epoxy Coating	SSPC-SP 10 (Sa 2-1/2)	125 - 150 125 - 150 250 - 300	5 - 6 5 - 6 10 - 12
A-3		Amercoat 240 Universal Epoxy Amercoat 240 Universal Epoxy	SSPC-SP 10 (Sa 2-1/2)	125 - 150 125 - 150 250 - 300	5 - 6 5 - 6 10 - 12
A-4		Amerlock 400 Glassflake Epoxy Series	SSPC-SP10 (Sa 2-1/2)	400 - 500	16 - 20
B-1 **60 months service life**	Antifouling (submerged surfaces from keel to deep load line)	ABC3 Self-polishing Antifouling ABC3 Self-polishing Antifouling	Flats and boottoop: Sides:	250 300	10 12
B-2 **60 months service life**		ABC3 Self-polishing Antifouling ABC3 Self-polishing Antifouling ABC4 Self-polishing Antifouling Apply first coat of AF while last coat of epoxy anticorrosive is still soft to moderate thumb pressure.	Boottop: Sides: Flat bottom:	250 300 250	10 12 10
B-3 **36 months service life**		ABC3 Self-polishing Antifouling ABC3 Self-polishing Antifouling	Flats and boottoop: Sides:	150 175	6 7
B-4 **36 months service life**		ABC4 Self-polishing Antifouling ABC4 Self-polishing Antifouling	Flats and boottoop: Sides:	180 220	7.2 8.8
C-1	Freeboard and External Superstructures (boottop to rail, bulwarks, houses, equipment and appurtenances, etc.)	Amercoat 385 Multi-Purpose Epoxy Coating Amercoat 385 Multi-Purpose Epoxy Coating **either:** Amercoat 229 Series Acrylic Epoxy Gloss Coating **or:** Amercoat 450 Series Polyurethane Gloss Coating	SSPC-SP10 (Sa 2-1/2)	100 - 125 100 - 125 50 - 75 50 - 75 250 - 325	4 - 5 4 - 5 2 - 3 2 - 3 10 - 13
C-2		Amercoat 235 Multi-Purpose Epoxy Coating Amercoat 235 Multi-Purpose Epoxy Coating **either:** Amercoat 229 Series Acrylic Epoxy Gloss Coating **or:** Amercoat 450 Series Polyurethane Gloss Coating **or:** PSX 1001 Acrylic Polysiloxane	SSPC-SP10 (Sa 2-1/2)	100 - 125 100 - 125 50 - 75 50 - 75 50 - 75 250 - 325	4 - 5 4 - 5 2 - 3 2 - 3 2 - 3 10 - 13
C-3		Amercoat 240 Universal Epoxy Amercoat 240 Universal Epoxy **either:** Amercoat 229 Series Acrylic Epoxy Gloss Coating **or:** Amercoat 450 Series Polyurethane Gloss Coating **or:** PSX 1001 Acrylic Polysiloxane	SSPC-SP10 (Sa 2-1/2)	100 - 150 100 - 150 50 - 75 50 - 75 50 - 75 250 - 375	4 - 6 4 - 6 2 - 3 2 - 3 2 - 3 10 - 15
C-4		Amercoat 68 Series Zinc-rich Epoxy Primer Amerlock Series High-Solids Epoxy Coating PSX 700 Engineered Siloxane Coating	SSPC-SP10 (Sa 2-1/2)	75 - 100 stripe 125 - 150 200 - 250	3 - 4 stripe 5 - 6 8 - 10
C-5		Amerlock Series High-Solids Epoxy Coating PSX 700 Engineered Siloxane Coating	SSPC-SP10 (Sa 2-1/2)	100 - 150 125 - 150 225 - 300	4 - 5 5 - 6 9 - 12

Notes: (1) The information contained herein is a guide for illustrative purposes only. Since individual project details will vary, please consult your local Ameron representative for a detailed, project-specific specification.