

Paint System

Standard (C2):

Surface Preparation: SSPC-SP-6 of required components prior to primer coat. SSPC-SP-1 prior to top coat.

Primer: Manufacturers primer

Top Coat: Water Based Epoxy Coat

Two Coat Epoxy (C3):

Surface Preparation: SSPC-SP-6 of required components prior to primer coat. SSPC-SP-1 prior to top coat.

Primer: Manufacturers primer

Top Coat: Water Based Epoxy Coats (2 coats)

APCS-1B (C3): Similar to Two Coat Epoxy system except only available with Aramco Customer Practice 342 using Carboline Paint for Top Coat and only available as Pale Green, Light Gray and Flame Red colors

Extreme (C5-M):

Surface Preparation: SSPC-SP-10

Primer: Inorganic Zn-rich Epoxy

Intermediate: Solvent Based Epoxy

Top Coat: 2 part – Solvent Based Polyurethane

APCS-1C (C5-M): Similar to Extreme system except only available with Aramco Customer Practice 342 using Carboline Paint for Top Coat and only available as Pale Green, Light Gray and Flame Red colors

Weather Deck Finish: Only available for Marine Duty motors.

Surface Preparation: SSPC-SP-5

Primer: Inorganic Zn Silicate Primer

Intermediate: Polyamide Epoxy

Top Coat: Silicon Alkyd

Top Coat Color: Navy Haze Gray - Federal Std. 26270

Custom: Any other paint system customer may want.

Paint System

- SSPC-SP1 – Solvent Cleaning: A method for removing all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants from surfaces. May be performed on shop primed surfaces prior to the next coat or may be performed prior to blast cleaning.
- SSPC-SP5 - White Metal Blast Cleaning: A method of preparing steel surfaces which, when viewed without magnification, shall be free of all visible oil, grease, dirt, mill scale, rust, and paint.
- SSPC-SP6 – Commercial Blast Cleaning: A method of preparing steel surfaces the same as SP5, allowing evenly dispersed very light shadows, streaks, and discolorations caused by stains of rust, and stains of mill scale. Stains of previously applied paint may remain on no more than 33% of the surface.
- SSPC-SP10 – Near-White Blast Cleaning: A method of preparing steel surfaces the same as SP5, allowing evenly dispersed very light shadows, streaks, and discolorations caused by stains of rust, and stains of mill scale. Stains of previously applied paint may remain on no more than 5% of the surface.

Paint Color

Standard colors offered by ABB Motors and Mechanical Inc.:

- Gold – Custom Color
- Dark Charcoal Gray – Custom Color
- Charcoal Gray Metallic – Custom Color
- Blue-Green – Munsell 8.5 BG 3.57/2.0 (Reliance)
- White – Munsell 1.2 PB 9.0/0.6 (EZ Kleen White)
- Blue – RAL 5010 (Gentian Blue)
- Gray – ANSI 61
- Orange – RAL 2010
- Silver – Oil Rig Silver Custom Color
- Stainless Steel – Stainless Steel Custom Color
- Yellow – Federal Standard FS 23655
- Black – Federal Standard FS 27038
- ABB Blue - Munsell 8 B 4.5/3.25
- Pale Green – RAL 6021
- Light Gray – RAL 7035
- Flame Red – RAL 3000