

INDUSTRIAL COATINGS

Compliance with the
International Standards



Under ISO, NACE, SSPC, ASTM,
USDA, AWWA, LEED, NSF,
AASHTO AND NFPA Standards

International Standards

The Organizations below are responsible for the manage and control of the international Standards for the Industrial & commercial grade coatings industry.

	International Organization for Standardization (ISO): Responsible for the ISO 9000, ISO 14000, ISO 27000, ISO 22000 and other international management standards. There is a great deal of similarity between the SSPC, BS(British Standard) and ISO cleaning standards. ISO 9501-1-1998: St, Sa, F1. and marine standards: Sa3, Sa2 ½, Sa2, St3, St2.
	NACE International (NACE): Involved in every industry and area of corrosion prevention and control, from chemical processing and water systems, to transportation and infrastructure protection. NACE's main focus of activities includes cathodic protection, coatings for industry and material selection for specific chemical resistance.
	The Society for Protective Coatings (SSPC): The Society for Protective Coatings was founded in 1950 as the Steel Structures Painting Council, a non-profit professional society concerned with the use of coatings to protect industrial steel structures. In 1997, the name of the association was changed to The Society for Protective Coatings
	ASTM International, formerly known as the American Society for Testing and Materials (ASTM), is a globally recognized leader in the development and delivery of international voluntary consensus standards. Today, some 12,000 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence.
	The United States Department of Agriculture (USDA): The U.S. Federal department responsible for developing and executing U.S. federal government policy on farming, agriculture, forestry, and food. Among other things, it works to assure food safety
	National Sanitation Foundation (NSF) International is an accredited, third-party certification body that tests and certifies products to verify they meet the public health and safety standards. Products that meet these standards bear the NSF Mark, which is respected by consumers, manufacturers, retailers and regulatory agencies at the local, state, federal and international level.
	American Water Works Association (AWWA) is an international non-profit professional organization founded to improve water quality and supply. In 1908, AWWA began developing industry standards for products, processes and best practices. The AWWA Standards Program is recognized internationally as a source for scientific and management reference resources for the drinking water community.
	The American National Standards Institute (ANSI): Oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector. ANSI is also actively engaged in accrediting programs that assess conformance to standards – including globally-recognized cross-sector programs such as the ISO 9000 (quality) and ISO 14000 (environmental) management systems.
	Developed by the U.S. Green Building Council (USGBC), Leadership in Energy and Environmental Design (LEED) comprises a suite of rating systems for the design, construction, operation, and maintenance solutions of high performance green buildings, homes and neighborhoods.
	National Fire Protection Association (NFPA) The world's leading advocate of fire prevention and an authoritative source on public safety, NFPA is responsible for 300 codes and standards that are designed to minimize the risk and effects of fire by establishing criteria for building, processing, design, service, and installation.
	The American Petroleum Institute (API) is a trade association that represents all aspects of the U.S.'s oil and gas industry. For more than 85 years, API has led the development of petroleum and petrochemical equipment and operating standards.

GSPC Heavy Industrial & Marine Coatings



Advanced Technology

GSPC is the advanced technology, part of Anticorrosivos y Acabados AYA - Pinturas AYA, one of the leading Industrial & Marine Coatings Companies, and one of the Region's largest Performance Coatings Manufacturer.

Our Industrial Coatings product lines are engineered to deliver proven performance in service whilst representing value for money. Environmental responsibility is a major feature of our Industrial Coatings offer; particularly in terms of new product introductions and ongoing global research programmers.

With several manufacturing plants, sales operations in 10 countries and over 500 pick up points, we are one of the most reliable Industrial Coatings supplier in the Region.

Leagues ahead on compliance

GSPC is in compliance to the major international industrial and marine regulations, and regulators including: ISO, NSF, USDA, AWWA, ANSI, IMO, ABS, Solas, Marpol, MarED, PSPC, Navsea and IACS Regulations.

GSPC supports the protection of the environment through its policies and actions. GSPC works actively to reduce the impact on human health and the environment of its operations, within the limits of sound economics and currently available technologies. We work closely with our customers providing innovative, value-added coatings in all the markets we serve. By understanding the industry's constantly changing demands, we're able to develop performance-enhancing coating solutions.

We have qualified technical representatives, NACE and SSPC certified, available to work with the customer on site, they can work with you in order to identify the specific requirements and select the optimal coating solutions.



Approved product development and manufacturing facilities

All our manufacturing sites, compliance to class societies (who are members of the International Association of Classification Societies) which is a prerequisite of IACS before they can issue a TAC.

We don't stop there – We have manufacturing facilities ISO 9001 accredited, covering product development as well as manufacturing quality.

International Industrial Regulations and Regulators



ISO Standards

- There is a great deal of similarity between the SSPC, BS (British Standard), and ISO Cleaning Standards.
- Specifiers should be aware of the exact meaning of the standards use due to slight differences in working.

ISO 9501-1-1988 is derived from Swedish SIS 0559900. It is broken down into three grades:

- St**: Scraping and wire-brushing by mechanical and manual methods.
- Sa**: Blast cleaning.
- F1**: Flame cleaning.

Typical ISO Standards used for Industrial Coatings

- Sa1**: Brush-off Blast.
- Sa3**: Blast Cleaning to pure metal.
- **Sa2 ½** : Blast cleaning with at least 95% of the surface free of any residues
- Sa2**: Blast cleaned with at least 2/3 of the surface free of any residue
- **St3**: Very thorough scraping and wire brushing , machine brushing, grinding
- **St2**: Thorough scraping and wire brushing, grinding, etc.



ASTM Standards

ASTM International, formerly known as the American Society for Testing and Materials (ASTM), is a globally recognized leader in the development and delivery of international voluntary consensus standards. Today, some 12.000 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence. Standards ASTM D-4258 “Standard Practice for Surface Cleaning Concrete for Coating”, 4259 “Standard Practice for Abrading Concrete” and 4260 “Standard Practice for Acid Etching Concrete”, provide guidelines for surface cleaning of concrete to remove grease, dirt, and loose material prior to the application of coatings, with the purpose of obtaining a clean, contamination-free and roughened surface.

National Sanitation Foundation (NSF)

Compliance with NSF/ANSI Standard 61 “Drinking Water System Components – Health Effects” ensures that our products meets the regulatory requirements for the U.S. and Canada, providing customers with assurance that their product is safe to use in drinking water. The Standard 61 covers all products with drinking water contact from source to tap, and confirms that the contaminants are below the maximum levels allowed to be considered safe.

International Industrial Regulations and Regulators



US Department of Agriculture (USDA)

This department is responsible for developing and executing U.S. Federal Government policy on farming, agriculture, forestry and food. Among other things, it works to assure food safety.

API (American Petroleum Institute)

The American Petroleum Institute (API) is a trade association that represents all aspects of the U.S.'s oil and gas industry. For more than 85 years, API has led the development of petroleum and petrochemical equipment and operating standards. API Standard 1631 provides recommendations for lining the interior of existing steel and fiberglass reinforced plastic underground petroleum storage tanks and periodic inspections of lined steel tanks.

Among its objectives are: To ensure compatibility between the products to be stored and the proposed storage tank lining material, and to assure proper tank lining application, inspection and installation and continued lining integrity and serviceability, by meeting the guidelines of this standard.



CERTIFIED INDUSTRIAL COATINGS

Chemical Processing

Various exposure exteriors and interiors, tank linings, high temperatures and flooring



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness		
CP-1	Atmospheric Severe / Steel	Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP5, 6, 10	75 - 100 mic	3 - 4 mils	
				75 - 175 mic	3 - 7 mils	
				150 - 225 mic	6 - 11 mils	
CP-2	Atmospheric Moderate / Steel	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP5, 6, 10	75 -100 mic	3 -4 mils	
75 - 150 mic				3 -6 mils		
50 mic				2 mils		
200 - 300 mic				8 - 12 mils		
CP-3		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP5, 6, 10	100 - 150 mic	4 -6 mils	
				50 mic	2 mils	
				150 - 200 mic	6 - 8 mils	
CP-4	Atmospheric Mild / Steel	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP3, 5, 6, 7, 10, 11	100 - 150 mic	4 -6 mils	
				50 mic	2 mils	
				150 - 200 mic	6 - 8 mils	
CP-5	Mild Exposure Interiors	Ayalkyd 60 PA - Alkyd Primer Ayalkyd 45 - Alkyd Topcoat	SSPC-SP3, 5, 6, 7, 10, 11	50 - 75 mic	2 - 3 mils	
37,5 - 62,5 mic				1,5 - 2,5 mils		
87,5 - 137,5 mic				3,5 - 5,5 mils		
CP-6					Ayawater 40 W - Waterborne Acrylic Primer Ayawater 35 W - Waterborne Acrylic Topcoat	SSPC-SP3, 5, 6, 7, 10, 11
	50 mic	2 mils				
	100 - 125 mic	4 - 5 mils				
CP-7	Tank lining	Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP5, 10	100 - 150 mic	4 -6 mils	
100 - 150 mic				4 -6 mils		
200 - 300 mic				8 -12 mils		
CP-8			Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 100 HB - 100% Solids Epoxy	SSPC-SP5, 10	200 - 300 mic	8 - 12 mils
					200 - 300 mic	8 - 12 mils
					400 - 600 mic	16 - 24 mils
CP-9			Ayapoxi 72 EN - High Solids Epoxy Novolac Ayapoxi 72 EN - High Solids Epoxy Novolac	SSPC-SP5, 10	100 - 150 mic	4 -6 mils
					100 - 150 mic	4 -6 mils
					200 - 300 mic	8 -12 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary Please consult your local AYA representative for a detailed, project-specific coating specification. (2) Surface Preparation - Consult SSPC or ASTM Standards (3) Ayazinc 70 Z can be used for repair work. (4) Consult your AYA Representative for specific chemical resistance.					

CERTIFIED
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Chemical Processing

Various exposure exteriors and interiors, tank linings, high temperatures and flooring



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
CP-10	Continuous High Heat to 750 °F (399 °C)	Ayazinc 84 Z - High-Solids Inorganic Zinc Ayasilox 64 PX - Silicon Polysiloxane	SSPC-SP10	75 -100 mic	3 -4 mils
				50 mic	2 mils
				125 - 150 mic	5 - 6 mils
CP-11	High Heat to 1000 °F (538 °C) (Steel)	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10	25 mic	1 mil
				25 mic	1 mil
				50 mic	2 mils
CP-12	Floors - Heavy	Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayapoxi 100 ME - Epoxy Surfacer	ASTM D-4259/60	1,0 - 3,1 mm	40 - 125 mils
CP-13	Flooring/CIP-CMU Walls	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	ASTM D-4259/60	100 - 200 mic	4 - 8 mils
				125 mic	5 mils
				225 - 325 mic	9 - 13 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary Please consult your local AYA representative for a detailed, project-specific coating specification. (2) Surface Preparation - Consult SSPC or ASTM Standards (3) Ayazinc 70 Z can be used for repair work. (4) Consult your AYA Representative for specific chemical resistance.				

CERTIFIED INDUSTRIAL COATINGS

Petrochem / Refinery / Tank farm

Diverse atmospheric exposures, insulated and uninsulated, piping, maintenance and repair systems, galvanized steel, copper and aluminum, concrete coatings, tank lining and fireproofing.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
CARBON STEEL					
S-1	Atmospheric Severe Uninsulated Ambient to 200°F/93°C with peaks to 250°F/121°C	Ayazinc 61 Z - Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	62,5 - 75 mic	2,5 - 3 mils
S-2				125 - 150 mic	5 - 6 mils
				187,5 - 225 mic	7,5 - 9 mils
				62,5 - 75 mic	2,5 - 3 mils
	100 - 150 mic	4 - 6 mils			
	50 - 75 mic	2 - 3 mils			
	212,5 - 300 mic	8.5 - 12 mils			
S-3	Atmospheric Moderate Uninsulated Ambient to 200°F/93°C with peaks to 250°F/121°C	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 -100 mic	3 -4 mils
S-4				125 - 150 mic	5 -6 mils
				200 - 250 mic	8 - 10 mils
				125 - 150 mic	5 - 6 mils
	125 - 150 mic	5 - 6 mils			
	50 - 75 mic	2 - 3 mils			
	300 - 375 mic	12 - 15 mils			
S-5	Atmospheric Mild Uninsulated Ambient to 200°F/93°C with peaks to 250°F/121°C	Ayapoxi 83 TH - Surface-Tolerant Epoxy Ayakron 66 HS - Aliphatic Polyurethane	SSPC-SP6 (Sa 2) SSPC-SP3 (ST 3)	100 - 150 mic	4 -6 mils
S-6				50 - 75 mic	2 -3 mils
				150 - 225 mic	6 - 9 mils
S-6	Atmospheric Uninsulated Ambient to 750°F/399°C	Ayazinc 61 Z - Inorganic Zinc Aya temp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	62,5 - 75 mic	2,5 - 3 mils
S-7				25 - 30 mic	1,0 - 1,2 mils
				87,5 - 105 mic	3,5 - 4,2 mils
S-7	Atmospheric Insulated and uninsulated 201°F/94°C to 1000°F/538°C	Aya temp 44 - Silicone Aluminum Aya temp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	25 - 30 mic	1,0 - 1,2 mils
S-8				25 - 30 mic	1,0 - 1,2 mils
				50 - 60 mic	2,0 - 2,4 mils
S-8	Atmospheric Insulated Ambient to 425°F/218°C	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
				200 - 250 mic	8 - 10 mils
				400 - 500 mic	16 - 20 mils
UNDERGROUND CARBON STEEL					
S-9	BURIED: Piping, Pilings and Miscellaneous Steel	Ayapoxi 78 B - High-Solids Coal Tar Epoxy Ayapoxi 78 B - High-Solids Coal Tar Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
				200 - 250 mic	8 - 10 mils
				400 - 500 mic	16 - 20 mils
NOTES:	(1) The above schemes are offered as a guide to product selection for optimum performance. Exact recommendations and information regarding specific product characteristics, health and safety concerns, and other variations of these typical to suit local conditions will be provided by you AYA representative				

CERTIFIED INDUSTRIAL COATINGS

Petrochem / Refinery / Tank farm

Diverse atmospheric exposures, insulated and uninsulated, piping, maintenance and repair systems, galvanized steel, copper and aluminum, concrete coatings, tank lining and fireproofing.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
MISCELLANEOUS APPLICATIONS					
S-10	Galvanized Steel, Aluminum and Copper	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 66 HS - Aliphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
S-11		Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP7 (Sa 1)	175 - 225 mic	7 - 9 mils
			25 - 50 mic	1 - 2 mils	
			125 - 175 mic	5 - 7 mils	
			150 - 225 mic	6 - 9 mils	
S-12	Light-duty Interior Service: Steel, Wood, Gypsum Board, Accoustic Tile	Ayawater 43 W - Epoxy Waterbased Topcoat Ayawater 43 W - Epoxy Waterbased Topcoat	SSPC-SP7 (Sa 1)	50 mic	2 mils
				50 mic	2 mils
				100 mic	4 mils
CARBON STEEL MAINTENANCE AND REPAIR SYSTEMS - Atmospheric					
S-13	Inorganic Zinc Systems	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP11 or SSPC-SP7 (Sa 1)	75 - 100 mic	3 -4 mils
				100 - 150 mic	4 - 6 mils
				175 - 250 mic	7 - 10 mils
S-14	Epoxy Systems	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP7 (Sa 1) or SSPC-SP3 (ST 3)	100 - 175 mic	4 -7 mils
				100 - 150 mic	4 -6 mils
				200 - 325 mic	8 - 13 mils
CONCRETE COATINGS					
C-15	Light Chemical Splash and Spill, Foot Traffic	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	ASTM D4259/60 SSPC-SP13	125 - 175 mic	5 -7 mils
				125 - 175 mic	5 - 7 mils
				250 - 350 mic	10 - 14 mils
C-16		Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayasilox 90 PX - Epoxy Polysiloxane	ASTM D4259/60 SSPC-SP13	25 - 50 mic	1 - 2 mils
				100 - 125 mic	4 - 5 mils
				125 - 175 mic	5 - 7 mils
C-17		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	ASTM D4259/60 SSPC-SP13	125 - 200 mic	5 - 8 mils
				125 - 200 mic	5 - 8 mils
				125 - 150 mic	5 - 6 mils
				375 - 550 mic	15 - 22 mils
C-18	Light Chemical Splash and Spill, Foot Traffic, Light Wheel Traffic	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayasilox 90 PX - Epoxy Polysiloxane	ASTM D4259/60 SSPC-SP13	125 - 200 mic	5 - 8 mils
				100 - 125 mic	4 - 5 mils
				225 - 325 mic	9 - 13 mils
NOTES:	(1) The above schemes are offered as a guide to product selection for optimum performance. Exact recomendations and information regarding specific product characteristics, health and safety concerns, and other variations of these typical to suit local conditions will be provided by you AYA representative.				

CERTIFIED INDUSTRIAL COATINGS

Petrochem / Refinery / Tank farm

Diverse atmospheric exposures, insulated and uninsulated, piping, maintenance and repair systems, galvanized steel, copper and aluminum, concrete coatings, tank lining and fireproofing.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
C-19	Chemical Splash and Spill, Heavy Traffic	Ayapoxi 100 TS - 100% Solids Epoxy Sealer	ASTM D4259/60 SSPC-SP13	Absorbed into concrete	
C-20		Ayapoxi 100 SL - Spray-applied Epoxy Surfacer		1/8 - 3/16 in	3 - 5 mm
		Ayapoxi 100 TS - 100% Solids Epoxy Sealer		25 - 50 mic	1 - 2 mils
	Ayasilox 100 PX - Epoxy Polysiloxane	1000 mic	40 mils		
				1025 - 1050 mic	41 - 42 mils
C-21	Chemical Splash and Spill, Heavy Traffic, where aesthetics are important	Ayapoxi 100 TS - 100% Solids Epoxy Sealer	ASTM D4259/60 SSPC-SP13	Absorbed into concrete	
		Ayapoxi 100 SL - Spray-applied Epoxy Surfacer		1/8 - 3/16 in	3 - 5 mm
		Ayasilox 90 PX - Epoxy Polysiloxane		100 - 150 mic	4 - 6 mils
C-22	Chemical Immersion Service Floors, Sumps and Trenches	Ayapoxi 100 TS - 100% Solids Epoxy Sealer	ASTM D4259/60 SSPC-SP13	Absorbed into concrete	
		Ayapoxi 100 SL - Spray-applied Epoxy Surfacer		1/4 in	6 mm
TANK LININGS					
T-23	Water, Fire Water	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL		stripe coat	
		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL		125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
T-24	Storage Tanks	Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
		Ayapoxi 64 EF - Phenolic Epoxy		stripe coat	
		Ayapoxi 64 EF - Phenolic Epoxy		125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
T-25		Ayapoxi 100 - 100% Solids Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils
		Ayapoxi 100 - 100% Solids Epoxy		stripe coat	
		Ayapoxi 100 - 100% Solids Epoxy		200 - 300 mic	8 - 12 mils
				400 - 600 mic	16 - 24 mils
T-26		Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
		Ayapoxi 54 EN - Epoxy Novolac		stripe coat	
		Ayapoxi 54 EN - Epoxy Novolac		125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
NOTES:	(1) The above schemes are offered as a guide to product selection for optimum performance. Exact recommendations and information regarding specific product characteristics, health and safety concerns, and other variations of these typical to suit local conditions will be provided by you AYA representative.				

CERTIFIED
INDUSTRIAL COATINGS

Petrochem / Refinery / Tank farm

Diverse atmospheric exposures, insulated and uninsulated, piping, maintenance and repair systems, galvanized steel, copper and aluminum, concrete coatings, tank lining and fireproofing.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
T-27	Storage Tanks	Ayapoxi 72 EN - High Solids Epoxy Novolac Ayapoxi 72 EN - High Solids Epoxy Novolac Ayapoxi 72 EN - High Solids Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				stripe coat	
				125 - 150 mic	5 - 6 mils
T-28		Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	250 - 300 mic	10 - 12 mils
				75 - 100 mic	3 - 4 mils
T-29		Ayapoxi 83 TL - Surface Tolerant Epoxy TL Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils
	150 - 200 mic			6 - 8 mils	
	300 - 400 mic			12 - 16 mils	
FIREPROOFING					
F-30	Hydrocarbon fires (UL 1709 qualification)	Ayafire Intu WB	Consult AYA Technical Service for system design		
F-31	Cellulose fires (UL 263 qualification)	Ayafire Intu SB	Consult AYA Technical Service for system design		
NOTES:	(1) The above schemes are offered as a guide to product selection for optimum performance. Exact recommendations and information regarding specific product characteristics, health and safety concerns, and other variations of these typical to suit local conditions will be provided by you AYA representative.				

CERTIFIED INDUSTRIAL COATINGS

Power Plant New Construction

Structural steel (exterior and interior), steel storage tanks, piping, insulation, high temperature, buried steel, galvanized steel, stainless steel, aluminum, flooring



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
STRUCTURAL STEEL					
PP-1	Exterior Surfaces. Severe corrosive (C5-M/I)	Ayazinc 61 Z - Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽³⁾	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic	2,5 - 4 mils
				125 -150 mic	5 - 6 mils
				50 - 75 mic	9,5 - 13 mils
				240 - 325 mic	17 - 23 mils
PP-2		Ayazinc 61 Z - Inorganic Zinc AyasiloX 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic	2,5 - 4 mils
				125 -150 mic	5 - 6 mils
				190 - 250 mic	7,5 - 10 mils
PP-3	Exterior Surfaces. Corrosive (C4)	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽³⁾	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 -4 mils
				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				225 - 325 mic	9 - 13 mils
PP-4	Exterior Surfaces. Corrosive (C3)	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 -4 mils
				125 - 150 mic	5 - 6 mils
				175 - 250 mic	7 - 10 mils
PP-5		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
PP-6		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽³⁾	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
PP-7	Interior Surfaces (C2/3)	Ayapoxi 66 HB or Ayapoxi 83 TH Ayapoxi 66 HB or Ayapoxi 83 TH	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
PP-8		Ayalkyd 60 PA - Alkyd Primer Ayalkyd 45 - Alkyd Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
PP-9		Ayawater 40 W - Waterborne Acrylic Primer Ayawater 35 W - Waterborne Acrylic Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
NOTES:	(1) The above schemes are offered as a guide to product selection for optimum performance. Exact recommendations and information regarding specific product characteristics, health and safety concerns, and other variations of these typical to suit local conditions will be provided by you AYA representative. (2) Optional is Ayapoxi 63 SR for fast-dry and fast-topcoat option. (3) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired.				

CERTIFIED INDUSTRIAL COATINGS

Power Plant New Construction

Structural steel (exterior and interior), steel storage tanks, piping, insulation, high temperature, buried steel, galvanized steel, stainless steel, aluminum, flooring



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
PP-10	Severe abrasion	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				100 - 150 mic	4 - 6 mils
				350 - 450 mic	14 - 18 mils
LININGS FOR STEEL STORAGE TANKS					
PP-11	Water, caustic and fuel storage	Ayapoxi 64 EF - Phenolic Epoxy ⁽¹⁾ Ayapoxi 64 EF - Phenolic Epoxy ⁽¹⁾	SSPC-SP5 (Sa 3)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
PP-12	Caustic and fuel storage. Hot water storage up to 200°F / 93°C	Ayapoxi 54 EN - Epoxy Novolac ⁽¹⁾ Ayapoxi 54 EN - Epoxy Novolac ⁽¹⁾ Ayapoxi 54 EN - Epoxy Novolac ⁽¹⁾	SSPC-SP5 (Sa 3)	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				300 - 375 mic	12 - 15 mils
LINING FOR STEEL COOLING WATER PIPES					
PP-13	Cooling water pipe interiors	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	350 - 500 mic	14 - 20 mils
CONTINUOUS OR PREDOMINANTLY IN CONTACT WITH WATER OR SEA WATER					
PP-14	Cooling water pipe interiors	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	500 - 750	20 - 30 mils
INSULATED FERROUS SUBSTRATES AT ELEVATED TEMPERATURES					
PP-15	Up to 400 °F / 200 °C	Ayapoxi 64 EF - Phenolic Epoxy ⁽¹⁾ Ayapoxi 64 EF - Phenolic Epoxy ⁽¹⁾	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
PP-16	Up to 450 °F / 230 °C	Ayapoxi 54 EN w/Ayative 51 ⁽¹⁾ Ayapoxi 54 EN w/Ayative 51 ⁽¹⁾	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
PP-17	390 - 750 °F / 200 - 400 °C	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 25 mic	0,8 - 1 mils
				20 - 25 mic	0,8 - 1 mils
				40 - 25 mic	1,6 - 2,0 mils
NOTES:	(1) Apply a stripe coat to all sharp corners, sharp edges and weld seams before application of each full coat. (2) Temporary protection during transport and erection. (3) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired.				

CERTIFIED INDUSTRIAL COATINGS

Power Plant New Construction

Structural steel (exterior and interior), steel storage tanks, piping, insulation, high temperature, buried steel, galvanized steel, stainless steel, aluminum, flooring



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
COATING FOR BURIED STEEL STRUCTURES AND PIPING					
PP-18	Exterior surfaces (ISO 12944-2 Im3)	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	250 - 375 mic	10 - 15 mils
				250 - 375 mic	10 - 15 mils
				500 - 750 mic	20 - 30 mils
GALVANIZED STEEL					
PP-19	Exterior surfaces. Severe corrosive (C5-M/I)	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane ⁽³⁾	Galvaprep or SSPC-SP7 (Sa-1)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
STAINLESS STEEL					
PP-20	Exterior surfaces. Severe corrosive (C5-M/I)	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽¹⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽²⁾	SSPC-SP7 (Sa-1) (Non-Metallic Media)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
ALUMINUM					
PP-21	Exterior surfaces. Severe corrosive (C5-M/I)	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽¹⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽²⁾	Alumiprep or SSPC-SP7 (Sa-1) (Non-Metallic Media)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
FLOOR COATING - MEDIUM DUTY					
PP-22	Light traffic, medium duty	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	ASTM D4259	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
PP-23	Light traffic, medium duty, UV-resistant and color-stable	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	ASTM D4259	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
FLOOR COATING - HEAVY DUTY					
PP-24	Self-leveling epoxy flooring	Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayapoxi 100 AN - Self-Leveling Epoxy	ASTM D4259	Impregnate	
				2,5 - 3 mm	100 - 120 mils
				2,5 - 3 mm	100 - 120 mils
WALLS, CONCRETE OR PLASTER					
PP-25	Interior rooms and structures	Ayawater 40 W - Waterborne Acrylic Primer Aya water 35 W - Waterborne Acrylic Topcoat	ASTM D4259	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
NOTES:	(1) Optional is Ayapoxi 63 SR for fast-dry and fast-topcoat option. (2) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired.				

CERTIFIED INDUSTRIAL COATINGS

Power Plant New Construction

Structural steel (exterior and interior), steel storage tanks, piping, insulation, high temperature, buried steel, galvanized steel, stainless steel, aluminum, flooring



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
COMPONENTS WITH ONLY ORIGINAL MANUFACTURER'S FINISH FOR EXTERIOR EXPOSURE					
PP-26	Exterior surfaces. Severe conditions (C5-M/I)	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	Clean and Dry	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				200 - 250 mic	8 - 10 mils
PP-27	Interior surfaces (C2/3)	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	Clean and Dry	100 - 125 mic	4 - 5 mils
FERROUS SUBSTRATES EXPOSED TO ELEVATED TEMPERATURES					
PP-28	Operating temperatures up to 400 °F / 200 °C	Ayazinc 61 Z - Inorganic Zinc Ayatemp 42 - Silicone Acrylic Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
				40 - 50 mic	1.5 - 2 mils
				90 - 125 mic	3.5 - 5 mils
PP-29	Operating temperatures up to 750 °F / 400 °C	Ayazinc 61 Z - Inorganic Zinc Ayatemp 34 - High Temperature Silicone Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
				100 - 125 mic	4 - 5 mils
				150 - 200 mic	6 - 8 mils
PP-30	Operating temperatures up to 1000 °F / 538 °C	Aya temp 44 - Silicone Aluminum Aya temp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 25 mic	0,8 - 1 mils
				20 - 25 mic	0,8 - 1 mils
				40 - 45 mic	1,6 - 2 mils
NOTES:	(1) Optional is Ayapoxi 63 SR for fast-dry and fast-topcoat option. (2) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired.				

CERTIFIED INDUSTRIAL COATINGS

Off Shore Structures

Jackets, decks, high temperature, fireproofing, interior surfaces, tanks



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
OS-1	Jacket, submerged (legs, braces, diagonal supports below -3 m level)	Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		150 - 200 mic	6 - 8 mils
				300 - 400 mic	12 - 16 mils
OS-2		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		SSPC-SP10 (Sa 2 1/2)	100 - 125 mic
	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	100 - 125 mic	4 - 5 mils		
	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	100 - 125 mic	4 - 5 mils		
		300 - 375 mic	12 - 15 mils		
OS-3		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils
		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL		150 - 200 mic	6 - 8 mils
				300 - 400 mic	12 - 16 mils
OS-4	Jacket, splash zone (legs, braces, diagonal supports from -3 m below waterline to +5 m level)	Ayapoxi 100 SL - Epoxy Cladding	SSPC-SP10 (Sa 2 1/2)	5 ± 1,5 mm	3/16 ± 1/16 in
OS-5		Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		400 - 500 mic	16 - 20 mils
				800 - 1000 mic	32 - 40 mils
OS-6	Jacket and exposed surfaces, below 225 °F (legs, braces, diagonal supports from +5 m level to top of jacket, underside of decks, bulkheads, helidecks undersides, piping, vessels, substructures, etc.)	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		stripe coat	
		Ayasilox 90 PX - Epoxy Polysiloxane		125 - 175 mic	5 - 7 mils
				200 - 275 mic	8 - 11 mils
OS-7		Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		125 - 150 mic	5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
OS-8		Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		125 - 150 mic	5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
OS-9		Ayazinc 70 Z - Zinc-Rich Epoxy Primer	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		stripe coat	
		Ayasilox 90 PX - Epoxy Polysiloxane		125 - 175 mic	5 - 7 mils
				200 - 275 mic	8 - 11 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Off Shore Structures

Jackets, decks, high temperature, fireproofing, interior surfaces, tanks



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness			
EXTERIOR SURFACES							
OS-10	Jacket and exposed surfaces, below 225 °F (legs, braces, diagonal supports from +5 m level to top of jacket, underside of decks, bulkheads, helidecks undersides, piping, vessels, substructures, etc.)	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils		
OS-11				125 - 150 mic	5 - 6 mils		
				50 - 75 mic	2 - 3 mils		
				250 - 325 mic	10 - 13 mils		
		OS-12	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils	
125 - 150 mic					5 - 6 mils		
50 - 75 mic					2 - 3 mils		
250 - 325 mic					10 - 13 mils		
OS-13	Deck surfaces (main deck, helideck, traffic surfaces)	Ayatread Ayatread	SSPC-SP10 (Sa 2 1/2)	NA	NA		
OS-14				Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
						400 - 500 mic	16 - 20 mils
						800 - 1000 mic	32 - 40 mils
OS-15	Deck surfaces (walkways)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils		
OS-16				400 - 500 mic	16 - 20 mils		
				475 - 600 mic	19 - 24 mils		
OS-17	High-temperature (225-400 °F / 107-205 °C, insulated)	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils		
OS-18				Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic	3 - 5 mils
						75 - 125 mic	3 - 5 mils
OS-19	High-temperature (225 - 400 °F / 107 - 205 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc Ayatemp 39 - Silicone Acrylic	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2.0 - 3 mils		
OS-20				40 - 50 mic	1.5 - 2 mils		
				90 - 125 mic	3.5 - 5 mils		
OS-21	High-temperature (225 - 400 °F / 107 - 205 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils		
OS-22				25 mic	1 mil		
				25 mic	1 mil		
OS-23	High-temperature (400 - 1000 °F / 205 - 538 °C, insulated and uninsulated)	Aya temp 44 - Silicone Aluminum Aya temp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic	4 - 5 mils		
OS-24				20 - 30 mic	0.8 - 1.2 mils		
				20 - 30 mic	0.8 - 1.2 mils		
OS-25	High-temperature (400 - 1000 °F / 205 - 538 °C, insulated and uninsulated)	Aya temp 44 - Silicone Aluminum Aya temp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	40 - 60 mic	1.6 - 2.4 mils		
OS-26							
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.						

CERTIFIED INDUSTRIAL COATINGS

Off Shore Structures

Jackets, decks, high temperature, fireproofing, interior surfaces, tanks



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
OS-20	Galvanized surfaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
OS-21		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
OS-22		Ayapoxi 83 TL - Surface Tolerant Epoxy TL Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
FIREPROOFING					
OS-23		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Aya fire Intu	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				3 - 5 mm	1/8 - 1 in
				3 - 5 mm	1/8 - 1 in
INTERIOR SURFACES					
OS-24	Interior surfaces (machinery spaces, control room, storage areas, bulkheads, ceilings, etc.)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
OS-25		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	250 - 325 mic	10 - 13 mils
				125 - 175 mic	5 - 7 mils
				125 - 175 mic	5 - 7 mils
OS-26		Ayapoxi 83 TL - Surface Tolerant Epoxy TL Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	250 - 350 mic	10 - 14 mils
				125 - 175 mic	5 - 7 mils
				125 - 175 mic	5 - 7 mils
OS-27	Living quarters (under insulation or uninsulated)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	250 - 350 mic	10 - 14 mils
				75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
OS-28		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
				100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
OS-29		Ayapoxi 83 TL - Surface Tolerant Epoxy TL Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
				100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				200 - 250 mic	8 - 10 mils
				100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED
INDUSTRIAL COATINGS

Off Shore Structures

Jackets, decks, high temperature, fireproofing, interior surfaces, tanks



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
OS-30	Decks (interior walking surfaces in machinery spaces)	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				250 - 300 mic	8 - 12 mils
				350 - 450 mic	12 - 18 mils
TANKS					
OS-31	Potable water tanks	Ayapoxi 86 GA - High-Solids Amine-cured Epoxy Ayapoxi 86 GA - High-Solids Amine-cured Epoxy Ayapoxi 86 GA - High-Solids Amine-cured Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic	5 - 7 mils
				stripe coat	
				125 - 175 mic	5 - 7 mils
				250 - 350 mic	10 - 14 mils
OS-32	Storage tanks (fuel tanks, etc.)	Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				2 x stripe coat	
				125 - 150 mic	5 - 6 mils
OS-33		Ayapoxi 72 EN - High-Solids Epoxy Novolac Ayapoxi 72 EN - High-Solids Epoxy Novolac Ayapoxi 72 EN - High-Solids Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	250 - 300 mic	10 - 12 mils
				125 - 150 mic	5 - 6 mils
				2 x stripe coat	
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
OS-34	Methanol tanks	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 -4 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Jack Up

Legs, bottom hull, exposed surfaces, decks, high temperature, galvanized surfaces, fireproofing, interior surfaces, living quarters, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
JU-1	Jack-up Legs (from 0 m level to top of legs)	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				300 - 375 mic	12 - 15 mils
JU-2		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils
				150 - 200 mic	6 - 8 mils
				300 - 400 mic	12 - 16 mils
JU-3	Bottom Hull (non-immersion except when in transit)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy AyasiloX 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
				275 - 400 mic	11 - 16 mils
JU-4	Exposed surfaces, below 225°F (hull sides, living quarters, drill floor areas, bulkheads, heliport undersides, piping, vessels, cranes, substructure and secondary steel, etc.)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy AyasiloX 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				stripe coat	
				125 - 175 mic	5 - 7 mils
		200 - 275 mic	8 - 11 mils		
JU-5		Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
		250 - 325 mic	10 - 13 mils		
JU-6		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TH - Surface Tolerant Epoxy TL AyasiloX 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				stripe coat	
				125 - 150 mic	5 - 6 mils
		200 - 250 mic	8 - 10 mils		
JU-7	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils	
			125 - 150 mic	5 - 6 mils	
			50 - 75 mic	2 - 3 mils	
	250 - 325 mic	10 - 13 mils			
JU-8	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils	
			125 - 150 mic	5 - 6 mils	
			50 - 75 mic	2 - 3 mils	
	250 - 325 mic	10 - 13 mils			
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Jack Up

Legs, bottom hull, exposed surfaces, decks, high temperature, galvanized surfaces, fireproofing, interior surfaces, living quarters, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
JU-19	Galvanized surfaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
JU-20				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
		JU-21	125 - 150 mic	5 - 6 mils	
50 - 75 mic			2 - 3 mils		
175 - 225 mic			7 - 9 mils		
JU-21	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils	
			125 - 150 mic	5 - 6 mils	
			250 - 300 mic	10 - 12 mils	
FIREPROOFING					
JU-22		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayafire Intu	SSPC-SP7 (Sa 1)	100 - 150 mic	4 - 6 mils
				3 - 5 mm	1/8 - 1 in
				3 - 5 mm	1/8 - 1 in
INTERIOR SURFACES					
JU-23	Interior Surfaces (machinery spaces, interior of shale shaker, ballast control, mud pump room, storage areas, bulkheads, ceilings, etc.)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
JU-24		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-25		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-26	Living Quarters (under insulation or no insulation)	Ayalkyd 60 PA - Alkyd Primer Ayalkyd 45 - Alkyd Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
50 - 75 mic				2 - 3 mils	
100 - 150 mic				4 - 6 mils	
JU-27		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-28		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 83 TH - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Jack Up

Legs, bottom hull, exposed surfaces, decks, high temperature, galvanized surfaces, fireproofing, interior surfaces, living quarters, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
JU-29	Bilge Areas	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				stripe coat	
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-30		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				2 x stripe coat	
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-31	Decks (interior walking surfaces in machinery spaces)	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-32		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
				250 - 300 mic	8 - 12 mils
				350 - 450 mic	12 - 18 mils
TANKS					
JU-33	Potable water tanks	Ayapoxi 86 GA - High-Solids Amine-cured Epoxy Ayapoxi 86 GA - High-Solids Amine-cured Epoxy Ayapoxi 86 GA - High-Solids Amine-cured Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic	5 - 7 mils
				stripe coat	
				125 - 175 mic	5 - 7 mils
				250 - 350 mic	10 - 14 mils
JU-34	Water Tanks (including drill water tanks, ballast, hull void areas)	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 -6 mils
				stripe coat	
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
JU-35		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 -6 mils
				2 x stripe coat	
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
JU-36		Ayapoxi 72 EN - High-Solids Epoxy Novolac Ayapoxi 72 EN - High-Solids Epoxy Novolac Ayapoxi 72 EN - High-Solids Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 -6 mils
				2 x stripe coat	
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
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CERTIFIED

INDUSTRIAL COATINGS

Jack Up

Legs, bottom hull, exposed surfaces, decks, high temperature, galvanized surfaces, fireproofing, interior surfaces, living quarters, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
TANKS					
JU-37	Storage Tanks (mud pits, brine water tanks, completion fluid tanks, produced fluid tanks, fuel tanks, etc.)	Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 -6 mils
		Ayapoxi 64 EF - Phenolic Epoxy		2 x stripe coat	
		Ayapoxi 64 EF - Phenolic Epoxy		125 - 150 mic	5 - 6 mils
JU-38		Ayapoxi 72 EN - High-Solids Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	250 - 300 mic	10 - 12 mils
	Ayapoxi 72 EN - High-Solids Epoxy Novolac	125 - 150 mic		5 -6 mils	
	Ayapoxi 72 EN - High-Solids Epoxy Novolac	2 x stripe coat			
	Ayapoxi 72 EN - High-Solids Epoxy Novolac	125 - 150 mic		5 - 6 mils	
			250 - 300 mic	10 - 12 mils	
JU-39	Methanol tanks	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
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CERTIFIED INDUSTRIAL COATINGS

FPSO – Floating Production Storage and Offloading

Exterior surfaces: Side shell, decks, superstructure, galvanized and non-ferrous areas, high-temperatures.
Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
FPSO-1	Bottom, side shell and structural attachments below splash zone	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy Ayafouling 56 AP - Self-Polishing Antifouling Ayafouling 56 AP - Self-Polishing Antifouling Ayafouling 56 AP - Self-Polishing Antifouling	SSPC-SP10 (Sa 2 1/2)	375 - 500 mic 375 - 500 mic 125 - 150 mic 125 - 150 mic 125 - 150 mic 1125 - 1450 mic	15 - 20 mils 15 - 20 mils 5 - 6 mils 5 - 6 mils 5 - 6 mils 45 - 58 mils
FPSO-2	Side shell and structural attachments in splash zone area	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	375 - 500 mic 375 - 500 mic 750 - 1000 mic	15 - 20 mils 15 - 20 mils 30 - 40 mils
FPSO-3	Side shell and structural attachments between splash zone and main deck	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic stripe coat 125 - 175 mic 200 - 275 mic	3 - 4 mils 5 - 7 mils 8 - 11 mils
FPSO-4		Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 125 - 150 mic 50 - 75 mic 250 - 325 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils 10 - 13 mils
FPSO-5		Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 125 - 150 mic 50 - 75 mic 250 - 325 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils 10 - 13 mils
FPSO-6	Decks beneath equipment and weather decks	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 100 - 150 mic 100 - 150 mic 275 - 400 mic	3 - 4 mils 4 - 6 mils 4 - 6 mils 11 - 16 mils
FPSO-7		Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 400 - 500 mic 475 - 600 mic	3 - 4 mils 16 - 20 mils 19 - 24 mils
FPSO-8		Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 200 - 250 mic 200 - 250 mic 475 - 600 mic	3 - 4 mils 8 - 10 mils 8 - 10 mils 19 - 24 mils
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CERTIFIED INDUSTRIAL COATINGS

FPSO – Floating Production Storage and Offloading

Exterior surfaces: Side shell, decks, superstructure, galvanized and non-ferrous areas, high-temperatures.
Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness			
EXTERIOR SURFACES							
FPSO-9	Weather decks	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils		
				400 - 500 mic	16 - 20 mils		
FPSO-10		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	475 - 600 mic	19 - 24 mils		
				75 - 100 mic	3 - 4 mils		
			400 - 500 mic	16 - 20 mils			
				475 - 600 mic	19 - 24 mils		
FPSO-11	Helideck	Ayatread	SSPC-SP10 (Sa 2 1/2)	NA	NA		
		Ayatread					
FPSO-12		Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils		
					400 - 500 mic	16 - 20 mils	
				800 - 1000 mic	32 - 40 mils		
FPSO-13	Superstructure and deck houses, cranes, sub-structures beneath production equipment and helideck, handrails, and other areas not galvanized	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils		
						stripe coat	
						125 - 175 mic	5 - 7 mils
FPSO-14		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	200 - 275 mic	8 - 11 mils		
						75 - 100 mic	3 - 4 mils
						125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils		
FPSO-15		Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	250 - 325 mic	10 - 13 mils		
						75 - 100 mic	3 - 4 mils
						125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils		
FPSO-16		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	250 - 325 mic	10 - 13 mils		
						75 - 100 mic	3 - 4 mils
						100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils		
FPSO-17	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	275 - 400 mic	11 - 16 mils			
					75 - 100 mic	3 - 4 mils	
					400 - 500 mic	16 - 20 mils	
				475 - 600 mic	19 - 24 mils		
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CERTIFIED INDUSTRIAL COATINGS

FPSO – Floating Production Storage and Offloading

Exterior surfaces: Side shell, decks, superstructure, galvanized and non-ferrous areas, high-temperatures.
Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness				
EXTERIOR SURFACES								
FPSO-18	Superstructure and deck houses, cranes, sub-structures beneath production equipment and helideck, handrails, and other areas not galvanized	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 100 - 150 mic 100 - 150 mic 275 - 400 mic	3 - 4 mils 4 - 6 mils 4 - 6 mils 11 - 16 mils			
FPSO-19	Galvanized and non-ferrous areas	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic 50 - 75 mic	5 - 6 mils 2 - 3 mils			
FPSO-20				175 - 225 mic	7 - 9 mils			
		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic 50 - 75 mic	5 - 6 mils 2 - 3 mils			
175 - 225 mic				7 - 9 mils				
FPSO-21		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic 50 - 75 mic	5 - 6 mils 2 - 3 mils			
				175 - 225 mic	7 - 9 mils			
FPSO-22	High-temperature (225 - 400 °F / 107 - 205 °C, insulated)	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils			
FPSO-23		Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic 75 - 125 mic 150 - 250 mic	3 - 5 mils 3 - 5 mils 6 - 10 mils			
		FPSO-24		High-temperature (225 - 400 °F / 107 - 205 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc Ayatemp 39 - Silicone Acrylic	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic 40 - 50 mic 90 - 125 mic	2.0 - 3 mils 1.5 - 2 mils 3.5 - 5 mils
							FPSO-25	High-temperature (400 - 750 °F / 205 - 400 °C, uninsulated)
FPSO-26	Ayazinc 61 Z - Inorganic Zinc Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	125 - 200 mic	5 - 8 mils				
			50 - 75 mic 25 mic 25 mic	2 - 3 mils 1 mil 1 mil				
			100 - 125 mic	4 - 5 mils				
FPSO-28	High-temperature (400 - 1000 °F / 205 - 538 °C, insulated and uninsulated)	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 30 mic 20 - 30 mic 40 - 60 mic	0.8 - 1.2 mils 0.8 - 1.2 mils 1.6 - 2.4 mils			
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CERTIFIED INDUSTRIAL COATINGS

FPSO – Floating Production Storage and Offloading

Exterior surfaces: Side shell, decks, superstructure, galvanized and non-ferrous areas, high-temperatures.
Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness			
INTERIOR SURFACES							
FPSO-29	Accommodation spaces, bulkheads and overheads insulated or uninsulated and Machinery spaces and engine rooms, bulkheads and overheads	Ayalkyd 60 PA - Alkyd Primer Ayalkyd 45 - Alkyd Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils		
FPSO-30				Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
						100 - 150 mic	4 - 6 mils
		100 - 150 mic	4 - 6 mils				
		100 - 150 mic	4 - 6 mils				
FPSO-31		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 45 EA - Epoxy Acylic Coating	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils		
				100 - 150 mic	4 - 6 mils		
				50 - 75 mic	2 - 3 mils		
				150 - 225 mic	6 - 9 mils		
FPSO-32	Walking surfaces, accommodation spaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils		
100 - 150 mic				4 - 6 mils			
200 - 300 mic				8 - 12 mils			
FPSO-33	Walking surfaces, machinery spaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils		
100 - 150 mic				4 - 6 mils			
200 - 300 mic				8 - 12 mils			
FPSO-34		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils		
	250 - 300 mic			10 - 12 mils			
	350 - 450 mic			14 - 18 mils			
FPSO-35	Bilges and tank tops	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils		
2 x stripe coat							
100 - 150 mic				4 - 6 mils			
FPSO-36		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils		
	100 - 150 mic			4 - 6 mils			
	stripe coat						
	100 - 150 mic			4 - 6 mils			
				200 - 300 mic	8 - 12 mils		
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CERTIFIED INDUSTRIAL COATINGS

FPSO – Floating Production Storage and Offloading

Exterior surfaces: Side shell, decks, superstructure, galvanized and non-ferrous areas, high-temperatures.
Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness		
TANKS						
FPSO-37	Salt water ballast tanks, voids and cofferdams	Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	6 - 7 mils stripe coat	
FPSO-38		Ayapoxi 83 TL - Surface Tolerant Epoxy		125 - 150 mic	6 - 7 mils	
		Ayapoxi 83 TL - Surface Tolerant Epoxy		250 - 300 mic	12 - 14 mils	
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	125 - 150 mic	6 - 7 mils 2 x stripe coat		
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	125 - 150 mic	6 - 7 mils		
Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		250 - 300 mic	12 - 14 mils			
FPSO-39	Crude storage tanks	Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils stripe coat	
FPSO-40		Ayapoxi 83 TL - Surface Tolerant Epoxy		150 - 200 mic	6 - 8 mils	
		Ayapoxi 83 TL - Surface Tolerant Epoxy		300 - 400 mic	12 - 16 mils	
	Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	6 - 7 mils stripe coat		
	Ayapoxi 64 EF - Phenolic Epoxy		125 - 150 mic	6 - 7 mils		
Ayapoxi 64 EF - Phenolic Epoxy	250 - 300 mic		12 - 14 mils			
FPSO-41	Slop storage tanks	Ayapoxi 72 EN - High-Solids Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils 2 x stripe coat	
FPSO-42		Ayapoxi 72 EN - High-Solids Epoxy Novolac		125 - 150 mic	5 - 6 mils	
		Ayapoxi 72 EN - High-Solids Epoxy Novolac		250 - 300 mic	10 - 12 mils	
	FPSO-43	Methanol tanks	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
	FPSO-44		Ayapoxi 86 GA - High-Solids Amine-cured Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic	5 - 7 mils stripe coat
Ayapoxi 86 GA - High-Solids Amine-cured Epoxy			125 - 175 mic		5 - 7 mils	
Ayapoxi 86 GA - High-Solids Amine-cured Epoxy		250 - 350 mic	10 - 14 mils			
FPSO-45	Fresh water tanks	Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils stripe coat	
FPSO-45		Ayapoxi 83 TL - Surface Tolerant Epoxy		150 - 200 mic	6 - 8 mils	
		Ayapoxi 83 TL - Surface Tolerant Epoxy		300 - 400 mic	12 - 16 mils	
		Ayapoxi 83 TH - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils 2 x stripe coat	
		Ayapoxi 83 TH - Surface Tolerant Epoxy TL		125 - 150 mic	5 - 6 mils	
Ayapoxi 83 TH - Surface Tolerant Epoxy TL	250 - 300 mic	10 - 12 mils				
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CERTIFIED INDUSTRIAL COATINGS

Semi-Submersibles, TLPs, Spars

Exterior Surfaces: Submerged areas, splash zone, decks, high-temperature, galvanized surfaces, subsea equipment, fireproofing. Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
S-1	Submerged (hull sections, columns, and braces)	Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		150 - 200 mic	6 - 8 mils
				300 - 400	12 - 16 mils
S-2		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic	4 - 5 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		100 - 125 mic	4 - 5 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		100 - 125 mic	4 - 5 mils
				300 - 375 mic	12 - 15 mils
S-3		Ayapoxi 83 TH - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic	6 - 8 mils
		Ayapoxi 83 TH - Surface Tolerant Epoxy TL		150 - 200 mic	6 - 8 mils
				300 - 400	12 - 16 mils
S-4	Antifouling for submerged surfaces	Ayafouling 56 AP - Self-Polishing Antifouling	See Application Instructions for specific epoxy systems	100 - 150 mic	4 - 6 mils
		Ayafouling 56 AP - Self-Polishing Antifouling		100 - 150 mic	4 - 6 mils
		Ayafouling 56 AP - Self-Polishing Antifouling		100 - 150 mic	4 - 6 mils
				300 - 450 mic	12 - 18 mils
	Optional Tie Coat	If an antifouling tie coat is required for systems S1, S2 or S3, then apply the following after the second coat			
		Ayapoxi 47 TC - Epoxy Antifouling Tie Coat	Clean and Dry	50 - 75 mic	2 - 3 mils
S-5	Splash zone	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		400 - 500 mic	16 - 20 mils
				800 - 1000 mic	32 - 40 mils
S-6	Exposed surfaces, below 225°F / 93 °C (hull sections, columns, and braces above splash zone, underside of decks, bulkheads, heliport undersides, piping vessels, substructures, etc.)	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		125 - 175 mic	5 - 7 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		200 - 275 mic	8 - 11 mils
S-7			Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	125 - 150 mic		5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane	50 - 75 mic		2 - 3 mils
			250 - 325 mic		10 - 13 mils
S-8		Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		100 - 150 mic	4 - 6 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		200 - 300 mic	8 - 12 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Semi-Submersibles, TLPs, Spars

Exterior Surfaces: Submerged areas, splash zone, decks, high-temperature, galvanized surfaces, subsea equipment, fireproofing. Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
S-9	Exposed surfaces, below 225°F / 93 °C (hull sections, columns, and braces above splash zone, underside of decks, bulkheads, heliport undersides, piping vessels, substructures, etc.)	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
S-10				125 - 150 mic	5 - 6 mils
				200 - 250 mic	8 - 10 mils
		S-11	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic
125 - 150 mic			5 - 6 mils		
50 - 75 mic			2 - 3 mils		
S-11		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	250 - 325 mic	10 - 13 mils
		75 - 100 mic	3 - 4 mils		
		125 - 150 mic	5 - 6 mils		
S-11		50 - 75 mic	2 - 3 mils		
	250 - 325 mic	10 - 13 mils			
	S-12	Deck surfaces (main deck, helideck, traffic surfaces)	Ayatread Ayatread	SSPC-SP10 (Sa 2 1/2)	NA
S-13	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils	
400 - 500 mic			16 - 20 mils		
800 - 1000 mic			32 - 40 mils		
S-14	Deck surfaces (walkways)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
S-15	High-temperature (225 - 400 °F / 107 - 205 °C, insulated)	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
				475 - 600 mic	19 - 24 mils
				S-16	Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac
S-16	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic	3 - 5 mils		
		75 - 125 mic	3 - 5 mils		
		150 - 250 mic	6 - 10 mils		
S-17	High-temperature (225 - 400 °F / 107 - 205 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc Ayatemp 39 - Silicone Acrylic	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2.0 - 3 mils
S-17	SSPC-SP10 (Sa 2 1/2)	40 - 50 mic	1.5 - 2 mils		
		90 - 125 mic	3.5 - 5 mils		
		S-18	High-temperature (400 - 750 °F / 205 - 400 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)
S-18	SSPC-SP10 (Sa 2 1/2)	25 mic	1 mil		
		25 mic	1 mil		
		100 - 125 mic	4 - 5 mils		
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Semi-Submersibles, TLPs, Spars

Exterior Surfaces: Submerged areas, splash zone, decks, high-temperature, galvanized surfaces, subsea equipment, fireproofing. Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
S-19	High-temperature (400 - 1000 °F / 205 - 538 °C, insulated and uninsulated)	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 30 mic	0.8 - 1.2 mils
				20 - 30 mic	0.8 - 1.2 mils
				40 - 60 mic	1.6 - 2.4 mils
S-20	Galvanized surfaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
50 - 75 mic				2 - 3 mils	
175 - 225 mic				7 - 9 mils	
S-21		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
S-22		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP7 (Sa 1)	175 - 225 mic	7 - 9 mils
				125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
S-23		Subsea Equipment	Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	250 - 300 mic
	100 - 150 mic				4 - 6 mils
FIREPROOFING					
S-24		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayafire Intu	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
				3 - 5 mm	1/8 - 1 in
				500 - 650 mic	20 - 26 mils
INTERIOR SURFACES					
S-25	Interior surfaces (machinery spaces, interior of shale shaker, ballast control, mud pump room, storage areas, bulkheads, ceilings, etc.)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
S-26		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	250 - 325 mic	10 - 13 mils
				100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
S-27		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils
				100 - 150 mic	4 - 6 mils
				100 - 150 mic	4 - 6 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				
	(2) Ayapoxi 54 EN or Ayapoxi 72 EN can also be used following the same procedure as Ayapoxi 64 EF. Contact your AYA representative for specific tanklining recommendations				
	(3) Coating certification depends on tank size. Contact AYA Technical Service for specific requirements				

CERTIFIED INDUSTRIAL COATINGS

Semi-Submersibles, TLPs, Spars

Exterior Surfaces: Submerged areas, splash zone, decks, high-temperature, galvanized surfaces, subsea equipment, fireproofing. Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness			
INTERIOR SURFACES							
S-28	Living quarters (under insulation or uninsulated)	Ayalkyd 60 PA - Alkyd Primer Ayalkyd 45 - Alkyd Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils		
				50 - 75 mic	2 - 3 mils		
				100 - 150 mic	4 - 6 mils		
S-29				Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
	100 - 150 mic	4 - 6 mils					
	200 - 300 mic	8 - 12 mils					
S-30	Bilge areas	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils		
				100 - 150 mic	4 - 6 mils		
				200 - 300 mic	8 - 12 mils		
S-31				Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
	2 x stripe coat						
	100 - 150 mic	4 - 6 mils					
	200 - 300 mic	8 - 12 mils					
S-32	Decks (interior walking surfaces in machinery spaces)	Ayatread Ayatread	SSPC-SP10 (Sa 2 1/2)	NA	NA		
S-33				Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 87 TG - Glass-Flake Epoxy (with Ayative 71 Anti-slip Additive)	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
						250 - 300 mic	8 - 12 mils
	350 - 450 mic	12 - 18 mils					
TANKS							
S-34	Potable water tanks	Ayapoxi 86 GA - High-Solids Amine-cured Epoxy Ayapoxi 86 GA - High-Solids Amine-cured Epoxy Ayapoxi 86 GA - High-Solids Amine-cured Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic	5 - 7 mils		
				stripe coat			
				125 - 175 mic	5 - 7 mils		
				250 - 350 mic	10 - 14 mils		
S-35	Ballast Tanks (including drill water tanks, hull void areas)	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils		
				stripe coat			
				125 - 150 mic	5 - 6 mils		
				250 - 300 mic	10 - 12 mils		
S-36		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils		
				2 x stripe coat			
				125 - 150 mic	5 - 6 mils		
				250 - 300 mic	10 - 12 mils		
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Ayapoxi 54 EN or Ayapoxi 72 EN can also be used following the same procedure as Ayapoxi 64 EF. Contact your AYA representative for specific tanklining recommendations (3) Coating certification depends on tank size. Contact AYA Technical Service for specific requirements						

CERTIFIED INDUSTRIAL COATINGS

Semi-Submersibles, TLPs, Spars

Exterior Surfaces: Submerged areas, splash zone, decks, high-temperature, galvanized surfaces, subsea equipment, fireproofing. Interior surfaces, tanks.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness
TANKS				
S-37	Storage Tanks (mud pits, brine water tanks, completion fluid tanks, produced fluid tanks, fuel tanks, etc.)	Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic 4 - 5 mils stripe coat
		Ayapoxi 64 EF - Phenolic Epoxy		100 - 125 mic 4 - 5 mils stripe coat
		Ayapoxi 64 EF - Phenolic Epoxy		100 - 125 mic 4 - 5 mils
		Ayapoxi 64 EF - Phenolic Epoxy		300 - 375 mic 12 - 15 mils
S-38		Ayapoxi 72 EN - High-Solids Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic 5 - 6 mils 2 x stripe coat
		Ayapoxi 72 EN - High-Solids Epoxy Novolac		125 - 150 mic 5 - 6 mils
		Ayapoxi 72 EN - High-Solids Epoxy Novolac		250 - 300 mic 10 - 12 mils
S-39	Methanol tanks	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 3 - 4 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Ayapoxi 54 EN or Ayapoxi 72 EN can also be used following the same procedure as Ayapoxi 64 EF. Contact your AYA representative for specific tanklining recommendations (3) Coating certification depends on tank size. Contact AYA Technical Service for specific requirements			

CERTIFIED INDUSTRIAL COATINGS

LNG Facilities

Exterior surfaces, tank exteriors, tank linings, piping, vessels, reactors and equipment.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
EXTERIOR SURFACES					
LNG-1	Structural steel, pipe racks, including non-immersion marine, with operating temperatures of less than 250 °F (121 °C)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
LNG-2				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
LNG-3	Caissons, steel piles and steel in splash zone	Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				200 - 250 mic	8 - 10 mils
LNG-4	Caissons, steel piles and steel in immersion	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
				400 - 500 mic	16 - 20 mils
				800 - 1000 mic	32 - 40 mils
LNG-5	Galvanized surfaces	Ayapoxi 78 B - High-Solids Coal Tar Epoxy Ayapoxi 78 B - High-Solids Coal Tar Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic	8 - 12 mils
				200 - 300 mic	8 - 12 mils
				400 - 600 mic	16 - 24 mils
LNG-6	Un-insulated with operating temperatures of less than 250 °F (121 °C)	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Aliphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
TANK EXTERIORS					
LNG-7	Un-insulated with operating temperatures of less than 250 °F (121 °C)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
LNG-8				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
LNG-9	Insulated with operating temperatures of less than 250 °F (121 °C)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				200 - 250 mic	8 - 10 mils
LNG-10	Un-insulated with operating temperatures of 251 - 400 °F (122 - 204 °C)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayatemp 42 - Silicone Acrylic Topcoat	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				40 - 50 mic	1.5 - 2 mils
				115 - 150 mic	4.5 - 6 mils
LNG-11	Insulated with operating temperatures of less than 250 °F (121 °C)	Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic	3 - 5 mils
				75 - 125 mic	3 - 5 mils
				150 - 250 mic	6 - 10 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Ayapoxi 78 B / Ayapoxi 78 B should be applied "wet-on-wet", allowing for a flash-off time of one-half hour to one hour at 68 °F (20 °C). A one-coat application of Ayapoxi 78 B at 16 mils is also an option; however, the two-coat application reduces the possibility of "holidays"				

CERTIFIED INDUSTRIAL COATINGS

LNG Facilities

Exterior surfaces, tank exteriors, tank linings, piping, vessels, reactors and equipment.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
TANK LININGS					
LNG-10	Potable water / fire water tanks	Ayapoxi 83 TH - Surface Tolerant Epoxy TL ⁽²⁾ Ayapoxi 83 TH - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic 125 - 175 mic 250 - 350 mic	5 - 7 mils 5 - 7 mils 10 - 14 mils
LNG-11	Methanol storage tanks	Ayazinc 61 Z - Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
LNG-12	Diesel fuel storage tanks	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic 100 - 150 mic 200 - 300 mic	4 -6 mils 4 - 6 mils 8 - 12 mils
PIPING, VESSELS, REACTORS AND EQUIPMENT					
LNG-13	Uninsulated with operating temperatures of less than 250 °F (121 °C) and not subject to steam-out	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
LNG-14				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				250 - 325 mic	10 - 13 mils
LNG-14	Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils	
			125 -150 mic	5 - 6 mils	
			200 - 250 mic	8 - 10 mils	
LNG-15	Uninsulated with operating temperatures of up to 425°F (218°C), or subject to steam-out and cyclical service to 450°F (232°C)	Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic	3 - 5 mils
75 - 125 mic				3 - 5 mils	
150 - 250 mic				6 - 10 mils	
LNG-16	Insulated and uninsulated with operating temperatures of up to 400-1000°F (204-540°C)	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 30 mic	0.8 - 1.2 mils
20 - 30 mic				0.8 - 1.2 mils	
40 - 60 mic				1.6 - 2.4 mils	
LNG-17	Fireproofed or insulated skirts -- All standard temperatures for this service	Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic	3 - 5 mils
75 - 125 mic				3 - 5 mils	
150 - 250 mic				6 - 10 mils	
LNG-18	Un-fireproofed or un-insulated skirts	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
125 -150 mic				5 - 6 mils	
200 - 250 mic				8 - 10 mils	
LNG-19	Insulated and un-insulated surfaces operating from below 32 to 450 °F (0-232 °C)	Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
100 - 150 mic				4 - 6 mils	
200 - 300 mic				8 - 12 mils	
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Epoxy tanks linings are to receive a stripe coat of the specified material on all welds, edges and rough spots between the first and second coats. (3) For other cargoes, more aggressive fuels, or gases, contact your AYA representative for a suitable recommendation.				

CERTIFIED INDUSTRIAL COATINGS

Water and Waste Water Facilities

Immersion, splash/spill, piping, flooring.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness		
W1	Immersion (Potable, Steel or Concrete)	Ayapoxi 100 GA - 100% Solids Epoxy Aduct-Amine	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	125 - 150 mic	5 - 6 mils	
		Ayapoxi 100 GA - 100% Solids Epoxy Aduct-Amine		125 - 150 mic	5 - 6 mils	
				250 - 300 mic	10 - 12 mils	
W2		Ayapoxi 83 TX - Fast-drying Epoxy	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	100 - 150 mic	4 - 6 mils	
	Ayapoxi 83 TX - Fast-drying Epoxy	100 - 150 mic		4 - 6 mils		
		200 - 300 mic		8 - 12 mils		
W3	Immersion (Non-potable, Steel or Concrete)	Ayapoxi 78 B - High-Solids Coal Tar Epoxy	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	400 mic	16 mils	
W4		Ayapoxi 83 TX - Fast-drying Epoxy		SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	100 - 150 mic	4 - 6 mils
		Ayapoxi 83 TX - Fast-drying Epoxy			100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils	
W5	Immersion (Primary Treatment, Steel or Concrete)	Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 or ASTM D- 4259/4260	100 - 150 mic	4 - 6 mils	
		Ayapoxi 64 EF - Phenolic Epoxy		100 - 150 mic	4 - 6 mils	
		Ayapoxi 64 EF - Phenolic Epoxy		100 - 150 mic	4 - 6 mils	
				300 - 450 mic	12 - 18 mils	
W6		Ayapoxi 100 HB - 100% Solids Epoxy	SSPC-SP10 or ASTM D- 4259/4260	250 - 300 mic	10 - 12 mils	
		Ayapoxi 100 HB - 100% Solids Epoxy		250 - 300 mic	10 - 12 mils	
				500 - 600 mic	20 - 24 mils	
W7		Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP10 or ASTM D- 4259/4260	150 - 300 mic	6 - 12 mils	
		Ayapoxi 83 TL - Surface Tolerant Epoxy TL		150 - 300 mic	6 - 12 mils	
				300 - 600 mic	12 - 24 mils	
W8	Splash / Spill	Ayapoxi 83 TX - Fast-drying Epoxy	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	100 - 150 mic	4 - 6 mils	
		Ayapoxi 83 TX - Fast-drying Epoxy		100 - 150 mic	4 - 6 mils	
				200 - 300 mic	8 - 12 mils	
W9	Atmospheric Moderate	Ayapoxi 83 TX - Fast-drying Epoxy	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	100 - 150 mic	4 - 6 mils	
		Ayakron 73 HS - High-Solids Aliphatic Polyurethane		125 mic	5 mils	
				225 - 275 mic	9 - 11 mils	
W10		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP3, 6, 10	125 - 150 mic	5 - 6 mils	
		Ayakron 66 HS - Alyphatic Polyurethane		50 mic	2 mils	
				175 - 200 mic	7 - 8 mils	
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.					

CERTIFIED INDUSTRIAL COATINGS

Water and Waste Water Facilities

Immersion, splash/spill, piping, flooring.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
W11	Atmospheric Severe	Ayapoxi 83 TX - Fast-drying Epoxy Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	100 - 150 mic	4 - 6 mils
				75 - 175 mic	3 - 7 mils
				175 - 325 mic	7 - 13 mils
W12	Atmospheric Mild	Ayawater 35 W - Waterborne Acrylic Topcoat Ayawater 35 W - Waterborne Acrylic Topcoat	SSPC-SP3, 6	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 125 mic	4 - 6 mils
W13	Pipe Exterior (Steel or PVC)	Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP3, 6	125 mic	5 mils
W14	Flooring Severe	Ayapoxi 100 TS - 100% Solids Epoxy Sealer	ASTM D-4259/4260	Absorb into concrete	
		Ayakron 73 HS - High-Solids Aliphatic Polyurethane		1 - 4 mm	40 - 175 mils
W15	Flooring Moderate	Ayapoxi 83 TX - Fast-drying Epoxy Ayapoxi 83 TX - Fast-drying Epoxy	SSPC-SP10 (Sa 2 1/2) or ASTM D-4259/4260	125 mic	5 mils
				125 mic	5 mils
				250 mic	10 mils
W16	Secondary Containment	Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayasilox 100 PX - Epoxy Polysiloxane	ASTM D-4259/4260	Absorb into concrete 1 mm	40 - 41 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification.				

CERTIFIED INDUSTRIAL COATINGS

Wind turbines

Structural steel, structural steel continuously immersed and partly driven into the sea bed, tidal area, splash zone, components, machinery and equipment, friction area on flanges, rotor blades.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
STRUCTURAL STEEL					
WT-1	Exterior surfaces. Severe conditions (C5-M/I)	Ayazinc 84 Z - High Solids Inorganic Zinc Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic	2.5 - 4 mils
WT-2				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				240 - 325 mic	9.5 - 13 mils
WT-2	Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic	2.5 - 4 mils	
			125 - 150 mic	5 - 6 mils	
			190 - 250 mic	7.5 - 10 mils	
WT-3	Exterior Surfaces. Corrosive (C4)	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽³⁾	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 - 4 mils
				125 - 150 mic	5 - 6 mils
				50 - 75 mic	2 - 3 mils
				225 - 325 mic	9 - 13 mils
WT-4	Interior Surfaces. Corrosive (C4)	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 66 HB ⁽²⁾ or Ayapoxi 83 TH	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 - 4 mils
				125 - 150 mic	5 - 6 mils
175 - 250 mic				7 - 10 mils	
WT-5		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 -4 mils
				125 - 150 mic	5 - 6 mils
WT-6		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	175 - 250 mic	7 - 10 mils
				125 - 150 mic	5 - 6 mils
WT-7		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 73 HS - High-Solids Aliphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
				100 - 125 mic	4 - 5 mils
WT-7	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy ⁽²⁾ Ayakron 66 HS - Alyphatic Polyurethane ⁽³⁾	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic	4 - 5 mils	
			100 - 125 mic	4 - 5 mils	
			50 - 75 mic	2 - 3 mils	
			250 - 325 mic	10 - 13 mils	
WT-8	Interior Surfaces (C2/3)	Ayapoxi 66 HB ⁽²⁾ or Ayapoxi 83 TH Ayapoxi 66 HB ⁽²⁾ or Ayapoxi 83 TH	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
WT-9		Ayalkyd 60 PA - Alkyd Primer Ayal kyd 45 - Alkyd Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Optional is Ayapoxi 63 SR for fast-dry and fast-topcoat option. (3) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired.				

CERTIFIED INDUSTRIAL COATINGS

Wind turbines

Structural steel, structural steel continuously immersed and partly driven into the sea bed, tidal area, splash zone, components, machinery and equipment, friction area on flanges, rotor blades.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
STRUCTURAL STEEL CONTINUOUSLY IMMERSED AND PARTLY DRIVEN INTO THE SEA BED					
WT-10	Exterior Surfaces	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic	16 - 20 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		400 - 500 mic	16 - 20 mils
				800 - 1000 mic	32 - 40 mils
WT-11		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		200 - 250 mic	8 - 10 mils
				400 - 500 mic	16 - 20 mils
TIDAL AREA/SPLASH ZONE AREAS					
WT-12	Exterior Surfaces	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	500 - 750 mic	20 - 30 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		500 - 750 mic	20 - 30 mils
				1000 - 1500 mic	40 - 60 mils
WT-13		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		200 - 250 mic	8 - 10 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		500 - 750 mic	20 - 30 mils
				900 - 1250 mic	36 - 50 mils
SPLASH ZONE AREAS					
WT-14	Exterior Surfaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		200 - 250 mic	8 - 10 mils
				400 - 500 mic	16 - 20 mils
WT-15		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 250 mic	8 - 10 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		200 - 250 mic	8 - 10 mils
		Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3)		50 - 75 mic	2 - 3 mils
WT-16				SSPC-SP10 (Sa 2 1/2)	450 - 575 mic
	Ayapoxi 87 TG - Glass-Flake Epoxy	500 - 750 mic	20 - 30 mils		
	Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3)	50 - 75 mic	2 - 3 mils		
				550 - 825 mic	22 - 33 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired. (3) Ayakron 73 HS can also be used.				

CERTIFIED INDUSTRIAL COATINGS

Wind turbines

Structural steel, structural steel continuously immersed and partly driven into the sea bed, tidal area, splash zone, components, machinery and equipment, friction area on flanges, rotor blades.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
COMPONENTS, MACHINERY AND EQUIPMENT					
WT-17	Machined surfaces and cast iron components	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3)	Clean and dry	100 - 125 mic	4 - 5 mils
				50 - 75 mic	2 - 3 mils
				150 - 200 mic	6 - 8 mils
WT-18	Machined surfaces and equipment with interior exposure	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	Clean and dry	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				200 - 250 mic	8 - 10 mils
WT-19	Steel equipment, supports and welded components	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				200 - 250 mic	8 - 10 mils
WT-20	Steel and cast iron components primed with hot spray zinc	Ayasilox 90 PX - Epoxy Polysiloxane	Apply directly after metalizing	125 - 150 mic	5 - 6 mils
WT-21	Aluminum, sea water resistant	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP7 (Sa 1) (Non-metallic media)	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				200 - 250 mic	8 - 10 mils
FRICTION AREA ON FLANGES					
WT-22		Ayazinc 61 Z - Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	65 - 75 mic	2.5 - 3 mils
ROTOR BLADES					
WT-23	Epoxy or polyester laminate	Ayasilox 90 PX - Epoxy Polysiloxane	Clean and roughen	125 - 150 mic	5 - 6 mils
WT-24		Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3) Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3)	Clean and roughen	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired. (3) Ayakron 73 HS can also be used.				

CERTIFIED INDUSTRIAL COATINGS

Wind turbines

Structural steel, structural steel continuously immersed and partly driven into the sea bed, tidal area, splash zone, components, machinery and equipment, friction area on flanges, rotor blades.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
COMPONENTS, MACHINERY AND EQUIPMENT					
WT-17	Machined surfaces and cast iron components	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3)	Clean and dry	100 - 125 mic	4 - 5 mils
				50 - 75 mic	2 - 3 mils
				150 - 200 mic	6 - 8 mils
WT-18	Machined surfaces and equipment with interior exposure	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	Clean and dry	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				200 - 250 mic	8 - 10 mils
WT-19	Steel equipment, supports and welded components	Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
				125 - 150 mic	5 - 6 mils
				200 - 250 mic	8 - 10 mils
WT-20	Steel and cast iron components primed with hot-spray zinc	Ayasilox 90 PX - Epoxy Polysiloxane	Apply directly after metalizing	125 - 150 mic	5 - 6 mils
WT-21	Aluminum, sea water resistant	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP7 (Sa 1) (Non-metallic media)	100 - 125 mic	4 - 5 mils
				100 - 125 mic	4 - 5 mils
				200 - 250 mic	8 - 10 mils
FRICTION AREA ON FLANGES					
WT-22		Ayazinc 61 Z - Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	65 - 75 mic	2.5 - 3 mils
ROTOR BLADES					
WT-23	Epoxy or polyester laminate	Ayasilox 90 PX - Epoxy Polysiloxane	Clean and roughen	125 - 150 mic	5 - 6 mils
WT-24		Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3) Ayakron 66 HS - Alyphatic Polyurethane ^(2, 3)	Clean and roughen	50 - 75 mic	2 - 3 mils
				50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
NOTES:	(1) The information contained here is a guide for illustrative purposes only. Since individual project details will vary, please consult your local AYA representative for a detailed, project-specific coating specification. (2) Optional is Ayapoxi 45 EA when isocyanate-cured products are not desired. (3) Ayakron 73 HS can also be used.				

CERTIFIED INDUSTRIAL COATINGS

Concrete Flooring

General use, non-skid, anti-slip, general traffic, high traffic, chemical resistance, repairs.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
GENERAL USE					
CF-1	Light Traffic	Ayakron 66 HS - Alyphatic Polyurethane	ASTM D-4259/4260	50 - 75 mic	2 - 3 mils
CF-2	General	Ayapoxi 47 - Epoxy-Polyamide Topcoat	ASTM D-4259/4260	75 - 100 mic	3 - 4 mils
CF-3	General Use	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 77 - Abrasion Resistant Epoxy	ASTM D-4259/4260	175 - 200 mic	7 - 8 mils
				250 mic	10 mils
				425 - 450 mic	17 - 18 mils
CF-4	Additional Traction	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	ASTM D-4259/4260	75 - 100 mic	3 - 4 mils
CF-5	Chemical Protection	Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy	ASTM D-4259 / 4260	150 - 175 mic	6 - 7 mils
				150 - 175 mic	6 - 7 mils
				150 - 175 mic	6 - 7 mils
				450 - 525 mic	18 - 21 mils
CF-6	Extra Resistant	Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 100 HB - 100% Solids Epoxy	ASTM D-4259 / 4260	250 - 300 mic	10 - 12 mils
				250 - 300 mic	10 - 12 mils
				250 - 300 mic	10 - 12 mils
				750 - 900 mic	30 - 36 mils
NON-SKID, ANTI-SLIP					
CF-7	Anti-slip	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayative 81 - Anti-Slip Additive (1/8 gal)	ASTM D-4259 / 4260	375 - 400 mic	15 - 16 mils
CF-8		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayative 81 - Anti-Slip Additive (1/16 gal)	ASTM D-4259 / 4260	300 - 325 mic	12 - 13 mils
CF-9		Ayapoxi 83 TH + 1/8 gal Ayative 81 Ayapoxi 83 TH + 1/8 gal Ayative 81	ASTM D-4259 / 4260	250 - 275 mic	10 - 11 mils
				250 - 275 mic	10 - 11 mils
				500 - 550 mic	20 - 22 mils
CF-10		Ayapoxi 83 TH + 1/14 gal Ayative 81 Ayapoxi 83 TH + 1/4 gal Ayative 81	ASTM D-4259 / 4260	375 - 400 mic	15 - 16 mils
				250 - 275 mic	10 - 11 mils
				625 - 675 mic	25 - 27 mils
CF-11		Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 100 HB + 1/4 Ayative 81	ASTM D-4259 / 4260	500 mic	20 mils
				625 mic	25 mils
				1.1 mm	45 mils

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INDUSTRIAL COATINGS

Concrete Flooring

General use, non-skid, anti-slip, general traffic, high traffic, chemical resistance, repairs.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
GENERAL TRAFFIC					
CF-12	Standard	Ayapoxi 47 - Epoxy-Polyamide Topcoat Ayapoxi 47 - Epoxy-Polyamide Topcoat Ayapoxi 47 - Epoxy-Polyamide Topcoat	ASTM D-4259 / 4260	75 - 100 mic	3 - 4 mils
				75 - 100 mic	3 - 4 mils
				75 - 100 mic	3 - 4 mils
				225 - 300 mic	9 - 12 mils
CF-13	Advanced	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	ASTM D-4259 / 4260	125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				125 - 150 mic	5 - 6 mils
				375 - 450 mic	15 - 18 mils
CF-14	High Performance	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
				200 - 250 mic	8 - 10 mils
				75 - 100 mic	3 - 4 mils
				475 - 600 mic	19 - 24 mils
HIGH TRAFFIC					
CF-15	Standard	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
				1425 mic	57 mils
				1.6 mm	65 - 67 mils
CF-16	Advanced	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayakron 66 HS - Alyphatic Polyurethane	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
				1425 mic	57 mils
				50 - 75 mic	2 - 3 mils
				1.7 mm	67 - 70 mils
CF-17	High Performance	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 77 - Abrasion Resistant Epoxy	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
				300 - 350 mic	12 - 14 mils
				250 - 300mic	10 - 12 mils
				750 - 900 mic	30 - 36 mils
CHEMICAL RESISTANCE					
CF-18	Standard	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane Ayakron 66 HS - Alyphatic Polyurethane	ASTM D-4259 / 4260	100 mic	4 - 6 mils
				75 mic	2 - 3 mils
				75 mic	2 - 3 mils
				250 mic	8 - 12 mils
CF-19	Advanced	Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy	ASTM D-4259 / 4260	250 - 300 mic	10 - 12 mils
				150 - 200 mic	6 - 8 mils
				150 - 200 mic	6 - 8 mils
				550 - 700 mic	22 - 28 mils

CERTIFIED

INDUSTRIAL COATINGS

Concrete Flooring

General use, non-skid, anti-slip, general traffic, high traffic, chemical resistance, repairs.



System Reference	Surface Area and Conditions	Coating System	Surface Preparation	Dry Film Thickness	
CHEMICAL RESISTANCE					
CF-20	High Performance	Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayapoxi 64 EF - Phenolic Epoxy	ASTM D-4259 / 4260	175 - 200 mic	7 - 8 mils
				1425 mic	57 mils
				1425 mic	57 mils
				175 - 200 mic	7 - 8 mils
				3.2 mm	128 - 130 mils
REPAIRS					
CF-21	Standard	Ayapoxi 100 PS - Solvent-free Epoxy Primer Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat	ASTM D-4259 / 4260	50 - 75 mic	2 - 3 mils
				1575 mic	63 mils
				1575 mic	63 mils
				3.2 mm	128 - 129 mils
CF-22	High Performance	Ayapoxi 100 PS - Solvent-free Epoxy Primer Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayakron 66 HS - Alyphatic Polyurethane	ASTM D-4259 / 4260	50 - 75 mic	2 - 3 mils
				1575 mic	63 mils
				1575 mic	63 mils
				50 - 75 mic	2 - 3 mils
				3.3 mm	130 - 132 mils
CF-23	Standard	Ayapoxi 100 PS - Solvent-free Epoxy Primer Ayapoxi 100 ME - 100% Solids Epoxy Filler Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat	ASTM D-4259 / 4260	50 - 75 mic	2 - 3 mils
				Filling	
				1575 mic	63 mils
				1575 mic	63 mils
				3.2 mm	128 - 129 mils
CF-23	Standard	Ayapoxi 100 PS - Solvent-free Epoxy Primer Ayapoxi 100 ME - 100% Solids Epoxy Filler Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat Ayakron 66 HS - Alyphatic Polyurethane	ASTM D-4259 / 4260	50 - 75 mic	2 - 3 mils
				Filling	
				1575 mic	63 mils
				1575 mic	63 mils
				50 - 75 mic	2 - 3 mils
				3.3 mm	130 - 132 mils



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Manufacturing Facility

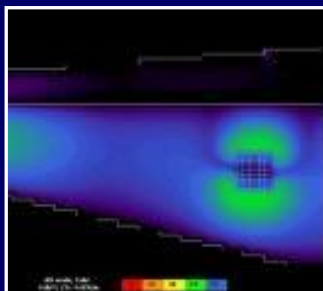
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