INDUSTRIAL COATINGS

Compliance with the

International Standards

PINTURAS AYA

GSPC
Heavy Industrial
& Marine Coatings

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.

ISO	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 THE CORROSION SOCIETY	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.
SSPC The Society For Protective Coatings	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 Standards Worldwide	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.
USDA	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
NSF	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	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.
ANSI American National Standards Institute	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.
U.S. GREEN BUILDING COUNCIL LEED USGBC	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.
NFPA	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.
energy API	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 75 - 175 mic	3 - 4 mils 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 75 - 150 mic 50 mic	3 -4 mils 3 -6 mils 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 50 mic	4 -6 mils 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 50 mic	4 -6 mils 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 37,5 - 62,5 mic	2 - 3 mils 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 - 75 mic 50 mic	2 - 3 mils 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 100 - 150 mic	4 -6 mils 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 200 - 300 mic	8 - 12 mils 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 100 - 150 mic	4 -6 mils 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
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-10	Continous High Heat to 750 °F (399 °C)	Ayazinc 84 Z - High-Solids Inorganic Zinc Ayasilox 64 PX - Silicon Polysiloxane	SSPC-SP10	75 -100 mic 50 mic	3 -4 mils 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 25 mic	1 mil 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 125 mic	4 - 8 mils 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 125 - 150 mic 187,5 - 225 mic	2,5 - 3 mils 5 - 6 mils 7,5 - 9 mils
S-2		Ayazinc 61 Z - Inorganic Zinc Ayapoxi 83 TL - Surface Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	62,5 - 75 mic 100 - 150 mic 50 - 75 mic 212,5 - 300 mic	2,5 - 3 mils 4 - 6 mils 2 - 3 mils 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 125 - 150 mic 200 - 250 mic	3 -4 mils 5 -6 mils 8 - 10 mils
S-4		Ayazinc 83 TH - Surface-Tolerant Epoxy Ayazinc 83 TH - Surface-Tolerant Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic 125 - 150 mic 50 - 75 mic 300 - 375 mic	5 - 6 mils 5 - 6 mils 2 - 3 mils 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 - Alyphatic Polyurethane	SSPC-SP6 (Sa 2) SSPC-SP3 (ST 3)	100 - 150 mic 50 - 75 mic 150 - 225 mic	4 -6 mils 2 -3 mils 6 - 9 mils
S-6	Atmospheric Uninsulated Ambient to 750°F/399°C	Ayazinc 61 Z - Inorganic Zinc Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	62,5 - 75 mic 25 - 30 mic 87,5 - 105 mic	2,5 - 3 mils 1,0 - 1,2 mils 3,5 - 4,2 mils
S-7	Atmospheric Insulated and uninsulated 201°F/94°C to 1000°F/538°C	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	25 - 30 mic 25 - 30 mic 50 - 60 mic	1,0 - 1,2 mils 1,0 - 1,2 mils 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 200 - 250 mic 400 - 500 mic	8 - 10 mils 8 - 10 mils 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 200 - 250 mic 400 - 500 mic	8 - 10 mils 8 - 10 mils 16 - 20 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	
MISCELLANEOUS APPLICATIONS					
S-10	Galvanized Steel, Aluminum and Copper	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
S-11		Ayapoxi 100 TS - 100% Solids Epoxy Sealer	SSPC-SP7 (Sa 1)	25 - 50 mic	1 - 2 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		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	SSPC-SP7 (Sa 1)	50 mic	2 mils
		Ayawater 43 W - Epoxy Waterbased Topcoat		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	SSPC-SP11 or SSPC-SP7 (Sa 1)	75 - 100 mic	3 -4 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		100 - 150 mic	4 - 6 mils
				175 - 250 mic	7 - 10 mils
S-14	Epoxy Systems	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP7 (Sa 1) or SSPC-SP3 (ST 3)	100 - 175 mic	4 -7 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		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	ASTM D4259/60 SSPC-SP13	125 - 175 mic	5 -7 mils
		Ayakron 73 HS - High-Solids Aliphatic Polyurethane		125 - 175 mic	5 - 7 mils
				250 - 350 mic	10 - 14 mils
C-16		Ayapoxi 100 TS - 100% Solids Epoxy Sealer	ASTM D4259/60 SSPC-SP13	25 - 50 mic	1 - 2 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		100 - 125 mic	4 - 5 mils
				125 - 175 mic	5 - 7 mils
C-17		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	ASTM D4259/60 SSPC-SP13	125 - 200 mic	5 - 8 mils
		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL		125 - 200 mic	5 - 8 mils
		Ayakron 73 HS - High-Solids Aliphatic Polyurethane		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	ASTM D4259/60 SSPC-SP13	125 - 200 mic	5 - 8 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		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 Ayapoxi 100 SL - Spray-applied Epoxy Surfacer	ASTM D4259/60 SSPC-SP13	Absorbed into concrete 1/8 - 3/16 in 3 - 5 mm
C-20		Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayasilox 100 PX - Epoxy Polysiloxane	ASTM D4259/60 SSPC-SP13	25 - 50 mic 1 - 2 mils 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 Ayapoxi 100 SL - Spray-applied Epoxy Surfacer Ayasilox 90 PX - Epoxy Polysiloxane	ASTM D4259/60 SSPC-SP13	Absorbed into concrete 1/8 - 3/16 in 3 - 5 mm 100 - 150 mic 4 -6 mils
C-22	Chemical Immersion Service Floors, Sumps and Trenches	Ayapoxi 100 TS - 100% Solids Epoxy Sealer Ayapoxi 100 SL - Spray-applied Epoxy Surfacer	ASTM D4259/60 SSPC-SP13	Absorbed into concrete 1/4 in 6 mm
TANK LININGS				
T-23	Water, Fire Water	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	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
T-24	Storage Tanks	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 stripe coat 125 - 150 mic 5 - 6 mils 250 - 300 mic 10 - 12 mils
T-25		Ayapoxi 100 - 100% Solids Epoxy Ayapoxi 100 - 100% Solids Epoxy Ayapoxi 100 - 100% Solids Epoxy	SSPC-SP10 (Sa 2 1/2)	200 - 300 mic 8 - 12 mils stripe coat 200 - 300 mic 8 - 12 mils 400 - 600 mic 16 - 24 mils
T-26		Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac Ayapoxi 54 EN - Epoxy Novolac	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
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
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 250 - 300 mic 10 - 12 mils
T-28		Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	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 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

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 125 -150 mic 50 - 75 mic 240 - 325 mic	2,5 - 4 mils 5 - 6 mils 9,5 - 13 mils 17 - 23 mils
PP-2		Ayazinc 61 Z - Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic 125 -150 mic 190 - 250 mic	2,5 - 4 mils 5 - 6 mils 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 125 - 150 mic 50 - 75 mic 225 - 325 mic	2 -4 mils 5 - 6 mils 2 - 3 mils 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 125 - 150 mic 175 - 250 mic	2 -4 mils 5 - 6 mils 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 125 - 150 mic 250 - 300 mic	5 - 6 mils 5 - 6 mils 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 100 - 125 mic 50 - 75 mic 250 - 325 mic	4 - 5 mils 4 - 5 mils 2 - 3 mils 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 125 - 150 mic 250 - 300 mic	5 - 6 mils 5 - 6 mils 10 - 12 mils
PP-8		Ayalkyd 60 PA - Alkyd Primer Ayalkyd 45 - Alkyd Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic 50 - 75 mic 100 - 150 mic	2 - 3 mils 2 - 3 mils 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 50 - 75 mic 100 - 150 mic	2 - 3 mils 2 - 3 mils 4 - 6 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. (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 125 - 150 mic 100 - 150 mic 350 - 450 mic	5 - 6 mils 5 - 6 mils 4 - 6 mils 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 125 - 150 mic 250 - 300 mic	5 - 6 mils 5 - 6 mils 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 100 - 125 mic 100 - 125 mic 300 - 375 mic	4 - 5 mils 4 - 5 mils 4 - 5 mils 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
CONTINOUS 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 125 - 150 mic 250 - 300 mic	5 - 6 mils 5 - 6 mils 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 125 - 150 mic 250 - 300 mic	5 - 6 mils 5 - 6 mils 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 20 - 25 mic 40 - 25 mic	0,8 - 1 mils 0,8 - 1 mils 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 Ayawater 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 100 - 125 mic 200 - 250 mic	4 - 5 mils 4 - 5 mils 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 40 - 50 mic 90 - 125 mic	2 - 3 mils 1.5 - 2 mils 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 100 - 125 mic 150 - 200 mic	2 - 3 mils 4 - 5 mils 6 - 8 mils
PP-30	Operating temperatures up to 1000 °F / 538 °C	Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 25 mic 20 - 25 mic 40 - 45 mic	0,8 - 1 mils 0,8 - 1 mils 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 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
OS-2		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
OS-3		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - 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
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 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
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 Ayapoxi 83 TL - Surface Tolerant 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
OS-7		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 3 - 4 mils 125 - 150 mic 5 - 6 mils 50 - 75 mic 2 - 3 mils 250 - 325 mic 10 - 13 mils
OS-8		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
OS-9		Ayazinc 70 Z - Zinc-Rich Epoxy Primer Ayapoxi 83 TL - Surface Tolerant 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
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	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-11		Ayazinc 70 Z - Zinc-Rich Epoxy Primer	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-12	Deck surfaces (main deck, helideck, traffic surfaces)	Ayatread	SSPC-SP10 (Sa 2 1/2)	NA	NA
		Ayatread			
OS-13		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
		(with Ayative 71 Anti-slip Additive)		800 - 1000 mic	32 - 40 mils
OS-14	Deck surfaces (walkways)	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		400 - 500 mic	16 - 20 mils
		(with Ayative 71 Anti-slip Additive)		475 - 600 mic	19 - 24 mils
OS-15	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-16		Ayapoxi 54 EN - Epoxy Novolac	SSPC-SP10 (Sa 2 1/2)	75 - 125 mic	3 - 5 mils
		Ayapoxi 54 EN - Epoxy Novolac		75 - 125 mic	3 - 5 mils
				150 - 250 mic	6 - 10 mils
OS-17	High-temperature (225 - 400 °F / 107 - 205 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2.0 - 3 mils
		Ayatemp 39 - Silicone Acrylic		40 - 50 mic	1.5 - 2 mils
				90 - 125 mic	3.5 - 5 mils
OS-18	High-temperature (225 - 400 °F / 107 - 205 °C, uninsulated)	Ayazinc 61 Z - Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
		Ayatemp 44 - Silicone Aluminum		25 mic	1 mil
		Ayatemp 44 - Silicone Aluminum		25 mic	1 mil
				100 - 125 mic	4 - 5 mils
OS-19	High-temperature (400 - 1000 °F / 205 - 538 °C, insulated and uninsulated)	Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	20 - 30 mic	0.8 - 1.2 mils
		Ayatemp 44 - Silicone Aluminum		20 - 30 mic	0.8 - 1.2 mils
				40 - 60 mic	1.6 - 2.4 mils
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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 50 - 75 mic	5 - 6 mils 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 50 - 75 mic	5 - 6 mils 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 125 - 150 mic	5 - 6 mils 5 - 6 mils
				250 - 300 mic	10 - 12 mils
FIREPROOFING					
OS-23		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayafire Intu	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic 3 - 5 mm	4 - 6 mils 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 125 - 150 mic 50 - 75 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils
				250 - 325 mic	10 - 13 mils
OS-25		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic 125 - 175 mic	5 - 7 mils 5 - 7 mils
				250 - 350 mic	10 - 14 mils
OS-26		Ayapoxi 83 TL - Surface Tolerant Epoxy TL Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	125 - 175 mic 125 - 175 mic	5 - 7 mils 5 - 7 mils
				250 - 350 mic	10 - 14 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)	75 - 100 mic 125 - 150 mic	3 - 4 mils 5 - 6 mils
				200 - 250 mic	8 - 10 mils
OS-28		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic 100 - 125 mic	4 - 5 mils 4 - 5 mils
				200 - 250 mic	8 - 10 mils
OS-29		Ayapoxi 83 TL - Surface Tolerant Epoxy TL Ayapoxi 83 TL - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic 100 - 125 mic	4 - 5 mils 4 - 5 mils
				200 - 250 mic	8 - 10 mils
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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 250 - 300 mic 10 - 12 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)	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
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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
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	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
JU-20		Ayapoxi 83 TH - Surface Tolerant Epoxy TL	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		50 - 75 mic	2 - 3 mils
				175 - 225 mic	7 - 9 mils
JU-21		Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP7 (Sa 1)	125 - 150 mic	5 - 6 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
FIREPROOFING					
JU-22		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP7 (Sa 1)	100 - 150 mic	4 - 6 mils
		Ayafire Intu		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	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
JU-24		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
				200 - 300 mic	8 - 12 mils
JU-25		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		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	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
		Ayalkyd 45 - Alkyd Topcoat		50 - 75 mic	2 - 3 mils
				100 - 150 mic	4 - 6 mils
JU-27		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 12 mils
JU-28		Ayapoxi 83 TH - Surface Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic	4 - 6 mils
		Ayapoxi 83 TH - Surface Tolerant Epoxy TL		100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 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
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
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
TANKS				
JU-37	Storage Tanks (mud pits, brine water tanks, completion fluid tanks, produced fluid 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 250 - 300 mic 10 - 12 mils
JU-38		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
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	SSPC-SP10 (Sa 2 1/2)	375 - 500 mic	15 - 20 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		375 - 500 mic	15 - 20 mils
		Ayafouling 56 AP - Self-Polishing Antifouling		125 - 150 mic	5 - 6 mils
		Ayafouling 56 AP - Self-Polishing Antifouling		125 - 150 mic	5 - 6 mils
		Ayafouling 56 AP - Self-Polishing Antifouling		125 - 150 mic	5 - 6 mils
				1125 - 1450 mic	45 - 58 mils
FPSO-2	Side shell and structural attachments in splash zone area	Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	375 - 500 mic	15 - 20 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		375 - 500 mic	15 - 20 mils
				750 - 1000 mic	30 - 40 mils
FPSO-3	Side shell and structural attachments between splash zone and main deck	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		stripe coat	
		Ayasilox 90 PX - Epoxy Polysiloxane		125 - 175 mic	5 - 7 mils
				200 - 275 mic	8 - 11 mils
FPSO-4		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
FPSO-5		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
FPSO-6	Decks beneath equipment and weather decks	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		100 - 150 mic	4 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		100 - 150 mic	4 - 6 mils
				275 - 400 mic	11 - 16 mils
FPSO-7		Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic	3 - 4 mils
		Ayapoxi 87 TG - Glass-Flake Epoxy		400 - 500 mic	16 - 20 mils
				475 - 600 mic	19 - 24 mils
FPSO-8		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		200 - 250 mic	8 - 10 mils
		Ayapoxi 83 TL - Surface Tolerant Epoxy		200 - 250 mic	8 - 10 mils
				475 - 600 mic	19 - 24 mils
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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 400 - 500 mic 475 - 600 mic	3 - 4 mils 16 - 20 mils 19 - 24 mils
FPSO-10		Ayazinc 70 Z - Zinc-Rich Epoxy Primer 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-11	Helideck	Ayatread Ayatread	SSPC-SP10 (Sa 2 1/2)	NA	NA
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 400 - 500 mic 800 - 1000 mic	16 - 20 mils 16 - 20 mils 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 stripe coat 125 - 175 mic 200 - 275 mic	3 - 4 mils 5 - 7 mils 8 - 11 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)	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-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)	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-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)	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-17		Ayazinc 70 Z - Zinc-Rich Epoxy Primer 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
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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 175 - 225 mic	5 - 6 mils 2 - 3 mils 7 - 9 mils
FPSO-20		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic 50 - 75 mic 175 - 225 mic	5 - 6 mils 2 - 3 mils 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 175 - 225 mic	5 - 6 mils 2 - 3 mils 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)	Ayazinc 61 Z - Inorganic Zinc Ayatemp 34 - High Temperature Silicone Topcoat	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic 75- 125 mic 125 - 200 mic	2 - 3 mils 3 - 5 mils 5 - 8 mils
FPSO-26		Ayazinc 61 Z - Inorganic Zinc Ayatemp 44 - Silicone Aluminum Ayatemp 44 - Silicone Aluminum	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic 25 mic 25 mic 100 - 125 mic	2 - 3 mils 1 mil 1 mil 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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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 50 - 75 mic 2 - 3 mils 100 - 150 mic 4 - 6 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)	100 - 150 mic 4 - 6 mils 100 - 150 mic 4 - 6 mils 200 - 300 mic 8 - 12 mils
FPSO-31		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayapoxi 45 EA - Epoxy Acylic Coating	SSPC-SP10 (Sa 2 1/2)	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 200 - 300 mic 8 - 12 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)	100 - 150 mic 4 - 6 mils stripe coat 100 - 150 mic 4 - 6 mils 200 - 300 mic 8 - 12 mils
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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 Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic 6 -7 mils stripe coat 125 - 150 mic 6 - 7 mils 250 - 300 mic 12 - 14 mils
FPSO-38		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 6 -7 mils 2 x stripe coat 125 - 150 mic 6 - 7 mils 250 - 300 mic 12 - 14 mils
FPSO-39	Crude storage tanks	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic 6 - 8 mils stripe coat 150 - 200 mic 6 - 8 mils 300 - 400 mic 12 - 16 mils
FPSO-40	Fuel storage tanks	Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic 6 -7 mils stripe coat 125 - 150 mic 6 - 7 mils 250 - 300 mic 12 - 14 mils
FPSO-41	Slop 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 2 x stripe coat 125 - 150 mic 5 - 6 mils 250 - 300 mic 10 - 12 mils
FPSO-42	Methanol tanks	Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 3 - 4 mils
FPSO-43	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
FPSO-44	Fresh water tanks	Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP10 (Sa 2 1/2)	150 - 200 mic 6 - 8 mils stripe coat 150 - 200 mic 6 - 8 mils 300 - 400 mic 12 - 16 mils
FPSO-45		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 83 TH - Surface Tolerant Epoxy TL	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

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 sistems	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		stripe coat	
		Ayasilox 90 PX - Epoxy Polysiloxane		125 - 175 mic	5 - 7 mils
				200 - 275 mic	8 - 11 mils
S-7		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
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		stripe coat	
		Ayapoxi 83 TL - Surface Tolerant Epoxy		100 - 150 mic	4 - 6 mils
				200 - 300 mic	8 - 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-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 stripe coat 125 - 150 mic 200 - 250 mic	3 - 4 mils 5 - 6 mils 8 - 10 mils
S-10		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 50 - 75 mic 250 - 325 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils 10 - 13 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)	75 - 100 mic 125 - 150 mic 50 - 75 mic 250 - 325 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils 10 - 13 mils
S-12	Deck surfaces (main deck, helideck, traffic surfaces)	Ayatread Ayatread	SSPC-SP10 (Sa 2 1/2)	NA	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 400 - 500 mic 800 - 1000 mic	16 - 20 mils 16 - 20 mils 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 400 - 500 mic 475 - 600 mic	3 - 4 mils 16 - 20 mils 19 - 24 mils
S-15	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
S-16		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
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 40 - 50 mic 90 - 125 mic	2.0 - 3 mils 1.5 - 2 mils 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)	50 - 75 mic 25 mic 25 mic 100 - 125 mic	2 - 3 mils 1 mil 1 mil 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 20 - 30 mic 40 - 60 mic	0.8 - 1.2 mils 0.8 - 1.2 mils 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 50 - 75 mic 175 - 225 mic	5 - 6 mils 2 - 3 mils 7 - 9 mils
S-21		Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic 50 - 75 mic 175 - 225 mic	5 - 6 mils 2 - 3 mils 7 - 9 mils
S-22		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant Epoxy	SSPC-SP7 (Sa 1)	125 - 150 mic 125 - 150 mic 250 - 300 mic	5 - 6 mils 5 - 6 mils 10 - 12 mils
S-23	Subsea Equipment	Ayapoxi 83 TH - Surface Tolerant Epoxy TL Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic 400 - 500 mic 500 - 650 mic	4 - 6 mils 16 - 20 mils 20 - 26 mils
FIREPROOFING					
S-24		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayafire Intu	SSPC-SP10 (Sa 2 1/2)	100 - 150 mic 3 - 5 mm 3 - 5 mm	4 - 6 mils 1/8 - 1 in 1/8 - 1 in
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 125 - 150 mic 50 - 75 mic 250 - 325 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils 10 - 13 mils
S-26		Ayapoxi 83 TL - Surface Tolerant Epoxy Ayapoxi 83 TL - Surface Tolerant 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
S-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 100 - 150 mic 200 - 300 mic	4 - 6 mils 4 - 6 mils 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) 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 certificaction 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 certificaction 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 Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy Ayapoxi 64 EF - Phenolic Epoxy	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic 4 - 5 mils stripe coat 100 - 125 mic 4 - 5 mils stripe coat 100 - 125 mic 4 - 5 mils 300 - 375 mic 12 - 15 mils
S-38		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
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 certificaction depends on tank size. Contact AYA Technical Service for specific requirements			

CERTIFIED
INDUSTRIAL COATINGS

LNG Facilities

Exterior surfaces, 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 - 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
LNG-2		Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 125 - 150 mic 200 - 250 mic	3 - 4 mils 5 - 6 mils 8 - 10 mils
LNG-3	Caissons, steel piles and steel in splash zone	Ayapoxi 87 TG - Glass-Flake Epoxy Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	400 - 500 mic 400 - 500 mic 800 - 1000 mic	16 - 20 mils 16 - 20 mils 32 - 40 mils
LNG-4	Caissons, steel piles and steel in immersion	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 200 - 300 mic 400 - 600 mic	8 - 12 mils 8 - 12 mils 16 - 24 mils
LNG-5	Galvanized surfaces	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy Ayakron 66 HS - Alyphatic Polyurethane	SSPC-SP7 (Sa 1)	125 - 150 mic 50 - 75 mic 175 - 225 mic	5 - 6 mils 2 - 3 mils 7 - 9 mils
TANK EXTERIORS					
LNG-6	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 - 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
LNG-7		Ayazinc 84 Z - High Solids Inorganic Zinc Ayasilox 90 PX - Epoxy Polysiloxane	SSPC-SP10 (Sa 2 1/2)	75 - 100 mic 125 - 150 mic 200 - 250 mic	3 - 4 mils 5 - 6 mils 8 - 10 mils
LNG-8	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 40 - 50 mic 115 - 150 mic	3 -4 mils 1.5 -2 mils 4.5 - 6 mils
LNG-9	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 75 - 125 mic 150 - 250 mic	3 - 5 mils 3 - 5 mils 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 125 - 150 mic 50 - 75 mic 250 - 325 mic	3 - 4 mils 5 - 6 mils 2 - 3 mils 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 125 -150 mic 200 - 250 mic	3 - 4 mils 5 - 6 mils 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 75 - 125 mic 150 - 250 mic	3 - 5 mils 3 - 5 mils 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 20 - 30 mic 40 - 60 mic	0.8 - 1.2 mils 0.8 - 1.2 mils 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 75 - 125 mic 150 - 250 mic	3 - 5 mils 3 - 5 mils 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 125 -150 mic 200 - 250 mic	3 - 4 mils 5 - 6 mils 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 100 - 150 mic 200 - 300 mic	4 - 6 mils 4 - 6 mils 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 Ayakron 73 HS - High-Solids Aliphatic Polyurethane	ASTM D-4259/4260	Absorb into concrete 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	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic	2.5 - 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
				240 - 325 mic	9.5 - 13 mils
WT-2		Ayazinc 84 Z - High Solids Inorganic Zinc	SSPC-SP10 (Sa 2 1/2)	65 - 100 mic	2.5 - 4 mils
		Ayasilox 90 PX - Epoxy Polysiloxane		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	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 - 4 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy (2)		125 - 150 mic	5 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane (3)		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	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 - 4 mils
		Ayapoxi 66 HB (2) **or** Ayapoxi 83 TH		125 - 150 mic	5 - 6 mils
				175 - 250 mic	7 - 10 mils
WT-5		Ayazinc 70 Z - Zinc-Rich Epoxy Primer	SSPC-SP10 (Sa 2 1/2)	50 - 100 mic	2 -4 mils
		Ayakron 73 HS - High-Solids Aliphatic Polyurethane		125 - 150 mic	5 - 6 mils
				175 - 250 mic	7 - 10 mils
WT-6		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
		Ayakron 73 HS - High-Solids Aliphatic Polyurethane		125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
WT-7		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy (2)	SSPC-SP10 (Sa 2 1/2)	100 - 125 mic	4 - 5 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy (2)		100 - 125 mic	4 - 5 mils
		Ayakron 66 HS - Alyphatic Polyurethane (3)		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	SSPC-SP10 (Sa 2 1/2)	125 - 150 mic	5 - 6 mils
		Ayapoxi 66 HB (2) **or** Ayapoxi 83 TH		125 - 150 mic	5 - 6 mils
				250 - 300 mic	10 - 12 mils
WT-9		Ayalkyd 60 PA - Alkyd Primer	SSPC-SP10 (Sa 2 1/2)	50 - 75 mic	2 - 3 mils
		Ayalkyd 45 - Alkyd Topcoat		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 CONTINOUSLY 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
				450 - 575 mic 18 - 23 mils
WT-16		Ayapoxi 87 TG - Glass-Flake Epoxy	SSPC-SP10 (Sa 2 1/2)	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 50 - 75 mic 150 - 200 mic	4 - 5 mils 2 - 3 mils 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 100 - 125 mic 200 - 250 mic	4 - 5 mils 4 - 5 mils 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 125 - 150 mic 200 - 250 mic	3 - 4 mils 5 - 6 mils 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 100 - 125 mic 200 - 250 mic	4 - 5 mils 4 - 5 mils 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 50 - 75 mic 100 - 150 mic	2 - 3 mils 2 - 3 mils 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 250 mic 425 - 450 mic	7 - 8 mils 10 mils 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 150 - 175 mic 150 - 175 mic 450 - 525 mic	6 - 7 mils 6 - 7 mils 6 - 7 mils 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 250 - 300 mic 250 - 300 mic 750 - 900 mic	10 - 12 mils 10 - 12 mils 10 - 12 mils 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 250 - 275 mic 500 - 550 mic	10 - 11 mils 10 - 11 mils 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 250 - 275 mic 625 - 675 mic	15 - 16 mils 10 - 11 mils 25 - 27 mils
CF-11		Ayapoxi 100 HB - 100% Solids Epoxy Ayapoxi 100 HB + 1/4 Ayative 81	ASTM D-4259 / 4260	500 mic 625 mic 1.1 mm	20 mils 25 mils 45 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	
GENERAL TRAFFIC					
CF-12	Standard	Ayapoxi 47 - Epoxy-Polyamide Topcoat	ASTM D-4259 / 4260	75 - 100 mic	3 - 4 mils
		Ayapoxi 47 - Epoxy-Polyamide Topcoat		75 - 100 mic	3 - 4 mils
		Ayapoxi 47 - Epoxy-Polyamide Topcoat		75 - 100 mic	3 - 4 mils
				225 - 300 mic	9 - 12 mils
CF-13	Advanced	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	ASTM D-4259 / 4260	125 - 150 mic	5 - 6 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		125 - 150 mic	5 - 6 mils
		Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy		125 - 150 mic	5 - 6 mils
				375 - 450 mic	15 - 18 mils
CF-14	High Performance	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
		Ayapoxi 83 TH - Surface-Tolerant Epoxy TL		200 - 250 mic	8 - 10 mils
		Ayakron 66 HS - Alyphatic Polyurethane		75 - 100 mic	3 - 4 mils
				475 - 600 mic	19 - 24 mils
HIGH TRAFFIC					
CF-15	Standard	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
		Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat		1425 mic	57 mils
				1.6 mm	65 - 67 mils
CF-16	Advanced	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
		Ayapoxi 100 AN - Self-Leveling Epoxy Topcoat		1425 mic	57 mils
		Ayakron 66 HS - Alyphatic Polyurethane		50 - 75 mic	2 - 3 mils
				1.7 mm	67 - 70 mils
CF-17	High Performance	Ayapoxi 83 TH - Surface-Tolerant Epoxy TL	ASTM D-4259 / 4260	200 - 250 mic	8 - 10 mils
		Ayapoxi 100 HB - 100% Solids Epoxy		300 - 350 mic	12 - 14 mils
		Ayapoxi 77 - Abrasion Resistant Epoxy		250 - 300mic	10 - 12 mils
				750 - 900 mic	30 - 36 mils
CHEMICAL RESISTANCE					
CF-18	Standard	Ayapoxi 66 HB - High-Build Multi-Purpose Epoxy	ASTM D-4259 / 4260	100 mic	4 - 6 mils
		Ayakron 66 HS - Alyphatic Polyurethane		75 mic	2 - 3 mils
		Ayakron 66 HS - Alyphatic Polyurethane		75 mic	2 - 3 mils
				250 mic	8 - 12 mils
CF-19	Advanced	Ayapoxi 100 HB - 100% Solids Epoxy	ASTM D-4259 / 4260	250 - 300 mic	10 - 12 mils
		Ayapoxi 64 EF - Phenolic Epoxy		150 - 200 mic	6 - 8 mils
		Ayapoxi 64 EF - Phenolic Epoxy		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 1425 mic 1425 mic 175 - 200 mic 3.2 mm	7 - 8 mils 57 mils 57 mils 7 - 8 mils 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 1575 mic 1575 mic 3.2 mm	2 - 3 mils 63 mils 63 mils 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 1575 mic 1575 mic 50 - 75 mic 3.3 mm	2 - 3 mils 63 mils 63 mils 2 - 3 mils 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 Filling 1575 mic 1575 mic 3.2 mm	2 - 3 mils 63 mils 63 mils 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 Filling 1575 mic 1575 mic 50 - 75 mic 3.3 mm	2 - 3 mils 63 mils 63 mils 2 - 3 mils 130 - 132 mils

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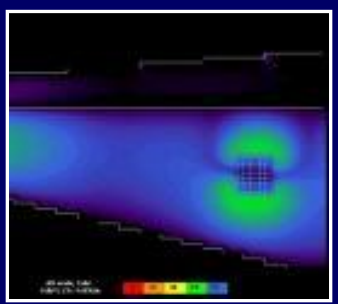

GSPC *Heavy Industrial & Marine Coatings*