

Abridged Product Guide - By Resin

Abridged List of Products that are most commonly Specified

<u>Resin System</u>	<u>Product Name</u>	<u>Typical Industry Applications</u>	<u>Catalyst / Activator</u>	<u>Application Methods</u>	<u>Viscosity</u>	<u>Chemical Resistance</u>	<u>Immersed Temperature Limit</u>	<u>Non-Immersed (Dry) Temperature Limit</u>	<u>Typical Applied Thickness per Coat (wft)</u>	<u>Practical Spread Rate per respective Typical Applied Thickness per coat</u>
Vinyl Ester	Polyglass VE	Glassflake reinforced vinyl ester tank linings, Produced Water pipe/ tanks, Separators, FGD System, Cooling Water Systems, DI Systems, Acid Resistant Concrete Coating	P2-45	Airless Spray; Brush	Medium	Excellent	230°F (110°C)	347°F (175°C)	30 mils	32 sf / gal
Vinyl Ester	Polyglass VEF	Glassflake reinforced vinyl ester tank linings, Produced Water pipe/ tanks, Separators, FGD System, Cooling Water Systems, DI Systems, Acid Resistant Concrete Coating; can hang at 40 mils in a single coat on a vertical surface without sagging.	P2-45	Airless Spray	Medium	Excellent	230°F (110°C)	347°F (175°C)	40 mils	24 sf / gal
Vinyl Ester	Polyglass VEHA	Hand Application at tank nozzles, Stripe Coating, Pump Lining, Tank Lining Repairs, Vessel Lining, Water boxes and Tube sheets	P2	Brush	Medium	Excellent	230°F (110°C)	347°F (175°C)	20 mils	48 sf / gal
Vinyl Ester	Corrofill VE	Vinyl Ester filler compatible with Polyglass VE/ VEF, Pit Filling, Coving at tank floor to wall interfaces, trowel applied tank linings	P2	Trowel, Squeegee	High	Excellent	230°F (110°C)	347°F (175°C)	60 mils	16 sf / gal
Vinyl Ester	Polyglass PPV	Vinyl Ester laminating resin used for fiberglass reinforcement or wrapping; compatible with Polyglass VE/ VEF systems.	P2	Brush, Roller, ribbed roller	Low	Excellent	230°F (110°C)	347°F (175°C)	18 oz multiaxial fiberglass mat	15 sf / gal
Vinyl Ester	Polyglass VEFWR	Extra abrasion resistant topcoat for Polyglass VE lining systems, Recycle Tanks, Slurry Tanks, Cyclones, slurry tank suction nozzles; also used as non-skid topcoat on VE lined secondary containments.	P2-45	Airless Spray, Brush, Squeegee	Medium	Excellent	230°F (110°C)	347°F (175°C)	40 mils	24 sf / gal
Vinyl Ester	Graphite S	Graphite filled Vinyl Ester topcoat; used for Hydrofluoric Acid (HF) and other acids that attack glass; also used as a conductive primer for concrete linings to allow for spark test of the protective coating.	P2	Airless Spray, Brush, Squeegee	Medium	Excellent	230°F (110°C)	347°F (175°C)	30 mils	32 sf / gal

Vinyl Ester-Urethane	Corrothane XT	High temperature, chemical resistant tank lining, succeeds where other organic linings do not; High Temperature Test Separators, WAC Tanks, High Temperature FGD, Bleach Tank Lining, pressure vessels, process tanks.	CXT Activator A; CXT Activator B	Airless Spray, Brush	Medium	Excellent	300°F (150°C)	500°F (260°C)	40 mils	24 sf / gal
Vinyl Ester-Urethane	Corrothane XT HA	Corrothane XT modified for ease of use via brush application for stripe coating and nozzles; typically supplied in small kits	CXT HA Activator A; CXT HA Activator B	Brush	Medium	Excellent	300°F (150°C)	500°F (260°C)	20 mils	48 sf / gal
Vinyl Ester-Urethane	Corrofill XT	Corrothane XT modified for pit filling or coving the tank floor to wall interface; typically supplied in small kits	Corrofill XT Activator A; Corrofill XT Activator B	Trowel, Squeegee	High	Excellent	300°F (150°C)	500°F (260°C)	60 mils	16 sf / gal
Vinyl Ester-Urethane	Corrothane XT LR	Corrothane XT laminating resin for use when fiberglass reinforcement is used in a Corrothane XT lining system; typically supplied in small kits	CXTLR Activator A; CXTLR Activator B	Brush, Roller, ribbed roller	Low	Excellent	300°F (150°C)	500°F (260°C)	18 oz multiaxial fiberglass mat	15 sf / gal
Polyester	Polyglass PPA	Holding primer with a 28 day maximum overcoating window at 68 F (20 C); used for increased project efficiency on large holding tanks; used with 10% styrene as a primer/ sealer on concrete systems that are overcoated with Polyglass systems	P3	Brush, Roller	Low	NA	176°F (80°C)	194°F (90°C)	5 mils	200 sf / gal
Polyester	Polyglass WCP	Polyglass Wet Concrete Primer is engineered for use as a primer sealer on wet or damp concrete; used to prime U drains, secondary containments, sumps, etc.	P3	Brush, Roller	Low	NA	176°F (80°C)	194°F (90°C)	8 mils	125 sf / gal
Polyester	Polyglass Zipcoat	Glass flake reinforced barrier coating used in aggressive atmospheric or immersion service, H Piles, bridges, splash zone on structures, cooling water systems; very high moisture vapor transmission resistance, UV stable - does not require top coating with a polyurethane	P2	Airless Spray, Brush	Medium	Good	122°F (50°C)	194°F (90°C)	30 mils	32 sf / gal
Epoxy	Plasmet ZF	Surface tolerant epoxy primer and corrosion resistant protective coating; tank, pipe, structure externals in aggressive saltwater, atmospheric, and splash zone service environments; used a surface tolerant primer for Plasmet AR3, Plasmet ZE and other Corrocoat acid resistant coatings on structure or assets in petrochemical plants.	Plasmet ZF Activator	Conventional Spray, Airless Spray, Brush, Roller	Low	Good	140°F (60°C)	266°F (130°C)	8 mils	125 sf / gal

Epoxy	Plasmet ZF Aerosol	Corrocoat's Plasmet ZF in an aerosol can; a two part epoxy protective coating mixed in an aerosol can	Included inside Can	Spray Can	Low	Good	140°F (60°C)	266°F (130°C)	8 mils	4 sf / can
Epoxy	Plasmet ZE	A polyamine cured, high solids, two-pack glass-filled epoxy with good gloss and chemical resistance.	Plasmet ZE Activator	Airless Spray, Brush, Roller	Medium	Great	194°F (90°C)	248°F (120°C)	20 mils	50 sf / gal
Epoxy	Plasmet AR3	98% Sulfuric Acid Resistant Epoxy Lining; Sulfuric Acid secondary containments, Sulfuric Acid Storage Tanks and Isotainers, structural steel subjected to sulfuric acid spills, drips, vapors, neutralization tanks	Plasmet AR3 Activator	Brush, Roller, notched trowel	Medium	Excellent	140°F (60°C)	212°F (100°C)	20 mils	50 sf / gal
Epoxy	Plasmet HTE	Highly abrasion resistant epoxy lining; gypsum pumps, cyclones, slurry vessels; also used as a binder/ mortar for installation of alumina tiles	Plasmet HTE Activator	Trowel, putty knife, stiff brush	High	Excellent	275°F (130°C)	338°F (170°C)	40 mils	30 sf / gal
Epoxy	Plasmet EP1	Highly abrasion resistant epoxy lining; gypsum pumps, cyclones, slurry vessels; An evolution of Plasmet HTE with a lower viscosity and a longer maximum overcoating window	Plasmet EP1 Activator	Trowel, putty knife, stiff brush	Medium	Excellent	275°F (130°C)	338°F (170°C)	30 mils	35 sf / gal
Epoxy	Corrocoat Zip E	Glassflake epoxy used for aggressive atmospheric conditions and aquatic immersion environments; great elongation, flexibility, relatively good for impact resistance commonly used for structural steel, bridges, pilings decks, externals of process vessels/pipelines, jetties, ships hulls and other marine and heavy industrial service environments	Corrocoat Zip E Activator	Airless Spray, brush, roller	Medium	Great	122°F (50°C)	194°F (90°C)	20 mils	50 sf / gal
Epoxy	Corrofill E	Low shrink epoxy filler compatible with Corrocoat's epoxy primers and coatings; Pit Filling, Coving at tank floor to wall interfaces, trowel applied tank linings	Corrofill E Activator	Stiff Brush, trowel, float, caulk gun	High	Good	140°F (60°C)	140°F (60°C)	60 mils	20 sf / gal
Epoxy	Epoxy Laminating Resin (ELR)	Low shrink epoxy laminating resin compatible with Corrocoat's epoxy primers and coatings; Pit Filling, Coving at tank floor to wall interfaces, trowel applied tank linings	ELR Activator	Brush, Roller, ribbed roller	Low	Good	140°F (60°C)	140°F (60°C)	18 oz multiaxial fiberglass mat	15 sf / gal
Epoxy	Epoxy Concrete Primer (ECP)	Epoxy primer and sealer engineered for concrete surfaces; can be applied to damp concrete as a primer for Corrocoat coatings or linings or used on it's own as an effective concrete sealer	ECP Activator	Brush, Roller	Low	Good	140°F (60°C)	140°F (60°C)	8 mils	125 sf / gal

Epoxy	Epoxy Polymer Concrete (EPC)	A 3 part polymer concrete with low shrink, high strength capabilities; can achieve 5,000 psi compressive strength within 12 hours of placement, 20,000 psi at full gel (cure); used to fill large pits in concrete on grade or concrete walls; compatible with Corrocoat Epoxy linings for overcoating in pump bases or secondary containments	EPC Activator	Trowel, float, in forms, similar to placing cementitious concrete	High	Great	212°F (100°C)	212°F (100°C)	1 inch (1,000 mils)	1.6 sf / gallon at 1 inch thick or 200 Gallons / Cubic Yard
Epoxy	Corrocoat Zip E Screed	A 3 part trowellable evolution of Corrocoat Zip E; can be used to grade concrete surface to a drain, applied by trowel at as low as 80 mils dft and as much as 1/2" thick in a single pass. Can be used on it's own as a corrosion resistant, chemically resistant liner or overcoated with a compatible Corrocoat lining system specified to resist the given service environment.	Zip E Screed Activator	Trowel, float, Squeegee	High	Great	122°F (50°C)	194°F (90°C)	1/4 inch (250 mils)	4 sf / Gallon

*The practical spread rate is based on our experience utilizing skilled coating applicators whom are familiar with Corrocoat materials. The practical spread rate takes into account estimated shrinkage, line loss plus 20% waste factor. Consumption rates may vary. It is the responsibility of the purchaser to order enough material for the project at hand. These rates are meant as an approximate guide.

**The temperature limits stated are approximate and generally conservative. Consult with your Corrocoat representative to determine the actual temperature limit of a given coating or coating system for a given service environment.