General Industrial | Corlar® Primer Product Offering Overview

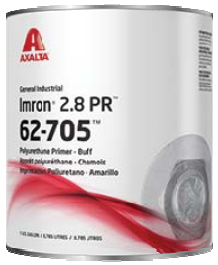
Type	Primer	Primer	Primer	Primer
Product	Corlar® 2.1 PR™	Corlar® 2.1 PR-P™	Corlar® 2.1 ST™	Corlar® 2.8 PR™
Technology	Epoxy Mastic	Epoxy	Epoxy Mastic	Epoxy
VOC	2.1	2.1	2.1	2.8
Gloss	Satin	Flat	Satin	Flat
Primary attributes	High solids, high build Outstanding abrasion resistance Excellent chemical resistance	High solids productive epoxy primer very fast dry primer, excellent corrosion and chemical resistance; Smooth, sandable primer	Outstanding corrosion and chemical resistance Highly durable coating	High solids epoxy primer Excellent corrosion and chemical resistance; sandable primer
Secondary attributes	Low VOC attributes No induction time and long pot life	Low VOC attributes No induction time and long pot life		Within VOC compliance regulations
Substrate	Carbon steel, galvanized steel, stainless steel, aluminum, concrete, concrete block and wood	carbon steel, galvanized steel, stainless steel and aluminum	Carbon steel, galvanized steel, stainless steel, aluminum, concrete, concrete block and wood	carbon steel, galvanized steel, stainless steel and aluminum
Colors	LF-71125™ Red oxide	525-880™ Red Ox | 525-882™ Buff 525-885™ ANSI 61 Grey 525-971™ ANSI 70 Grey 525-886™ White | 525-968™ Black	1LB25P™ Light base 2MC25P™ Medium Base 3DB25P™ Deep base 4NB25P™ Neutral Base	Base 525-33009™
Activation Ratio	1 : 1	2 : 1	1 : 1	1 : 1
Activator	VF-525™	FG-040™	VF-525™	FG-33011™ Salmon FG-33046™ Buff FG-33044™ Rd Ox FG-33272™ Grey
Reducers	Y-32025™	For large areas - T-1025™	Y-32025™	T-8805™ or T-8245™
Film Build	5-8 mils wet 3-4 mils dry	6 mils wet 3 mils dry	5-8 mils wet 3-4 mils dry	5 mils wet 2.5 mils dry
Pot Life	8 hours @ 70°-90°F	5 hours @ 75°F	8 hours @ 70°-90°F	6-8 hours @ 70°F
Dry Times	To touch: 2-3 hour @ 70°F To recoat: 3 hours Full cure: 7 days	To touch: 1 hour @ 75°F To recoat: 45 minutes Hard dry: 5 hours	To touch: 2-3 hour @ 70°F To recoat: 3 hours Full cure: 7 days	To touch: 1 hour @ 77°F To recoat: 2-3 hours Hard dry: 4 hours

General Industrial | Corlar® Primer Product Offering Overview

Type	Primer	Primer
Product	Corlar® LV-SG™	Corlar® 2.1 HT-A™
Technology	Epoxy	Epoxy Mastic Primer
VOC	0.71	2.1
Gloss	Semi-gloss	Satin
Primary attributes	Very high solids epoxy mastic Outstanding corrosion and chemical resistance	High temperature resistant High build High performance
Secondary attributes	Ultra Low VOC	Low VOC attributes
Substrate	carbon steel, galvanized steel, stainless steel, aluminum, concrete, concrete block & wood	Over DTM coating, primer or intermediate coat on carbon steel, galvanized steel or aluminum
Colors	LF-64090P™ Black LF-63290P™ White LF-63790P™ Cirrus Grey	1HTA25P - Aluminum
Activation Ratio	2 : 1	1 : 1
Activator	FG-090™	FG-2HTA
Reducers	T-8805™ or Y-32035™	Y-32035™ or RT001P™
Film Build	Single Coat: 10-12 mils Primer: 5-8 mils Intermediate: 5-8 mils	Noncorrosive environment – 5-8 mils dft Corrosive environment – 10-12 mils dft Primer – 3-8 mils dft
Pot Life	1.5 hours @ 77°F	8 hours @ 70°-90°F
Dry Times	To touch: 4 hours @ 77°F To recoat: 8 hours Hard dry: 24 hours	To touch: 2-3 hours @ 70°F To recoat: 3 hours Full cure: 7 days

General Industrial | Imron® Primer Product Offering Overview

Type	Primer	Primer	Primer	Primer
Product	Imron® 1.5 PR™	Imron® 9P01™	Imron® 2.1 PR™	Imron® 2.8 PR™
Technology	Waterborne Copolymer	Polyurethane	Polyurethane	Polyurethane
VOC	1.5	0.8 (where TBAc is exempt)	2.1	2.8
Gloss	Satin	Satin	Satin	Satin
Primary attributes	Isocyanate-free waterborne High durability Very good chemical and corrosion resistance	Next generation Imron® technology High performance & smooth surface Highly durable and fast dry Outstanding abrasion resistance and flexibility	Sandable primer, smooth surface for maximum topcoat appearance Outstanding flexibility, chip resistance; fast dry	Sandable primer, smooth surface for maximum topcoat appearance Outstanding flexibility, chip resistance; fast dry
Secondary attrib.	Very low VOC	Ultra low VOC, No induction time	Low VOC, no induction time	Within VOC compliance regulations
Substrate	Carbon steel, galvanized steel, stainless steel, treated aluminum, e-coat, concrete, concrete block, fiberglass, wood and many plastics	aluminum, carbon steel, galvanized or fiberglass	carbon steel, galvanized steel, aluminum or fiberglass	carbon steel, galvanized steel, aluminum or fiberglass
Colors	1632WF™ White 1637WF™ Cirrus Gray 1633WF™ Shale Gray 711WF™ Red Oxide 1640WF™ Black	9P01™ White 9P02™ Black 9P03™ Red Oxide	162-1632™ White 162- 705™ Buff 162-1060™ ANSI 70 Grey 162-1072™ ANSI 61 Grey 162-711™ Red Oxide 162-1640™ Black	62-1632™ White 62- 705™ Black 62-1060™ ANSI 70 Grey 62-1072™ ANSI 61 Grey 62-711™ Red Oxide 62-1640™ Black
Activation Ratio	Ready to spray	8 : 1	4 : 1	4 : 1
Activator	--	9T00-A™	FG-0162™	FG-062™
Accelerator	--	Up to 2 oz VG-805™ Accelerator per RTS gallon	Up to 2 oz VG-805™ Accelerator per RTS gallon	Up to 2 oz VG-805™ Accelerator per RTS gallon
Film Build	8-12 mils wet 3-5 mils dry	6-8 mils wet 3-4 mils dry	6-8 mils wet 3-4 mils dry	6-8 mils wet 3-4 mils dry
Pot Life	--	4 hours @ 75°F	2.5 hours @ 70°F	1 hour @ 70°F
Dry Times	Tack free: 20-30 min @ 77°F To recoat: 30 minutes Hard dry: 2 hours	To touch: 1 hour 15 min @ 75°F To recoat: 1 hour 15 min Hard dry: 3 hours 25 min	To touch: 1.5 hours @ 70°F To recoat: 3 hours Hard dry: 5-6 hours	To touch: 0.5 hours @ 70°F To recoat: 1 hours To handle: 1.5 hours



General Industrial | Tufcote® Primer Product Offering Overview

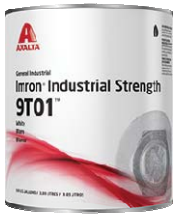
Type	Primer	Primer	Primer
Product	Tufcote® 2.8 PR™	Tufcote® 3.3 PR™	Tufcote® 3.5 PR™
Technology	Alkyd	Alkyd	Alkyd
VOC	2.8	3.3	3.5
Gloss	Flat gloss	Flat gloss	Flat gloss
Primary attributes	Acrylic modified,high solids, fast dry, good corrosion resistance	Phenolic modified, high solids, fast dry, good corrosion resistance	Acrylic modified, fast dry, good corrosion resistance
Secondary attributes	Within VOC compliance regulations Primer, direct-to-metal (DTM) or "shopcoat"	Within VOC compliance regulations Primer, direct-to-metal (DTM) or "shopcoat"	Within VOC compliance regulations Primer, direct-to-metal (DTM) or "shopcoat"
Substrate	primed and top-coated aluminum, carbon steel, galvanized, concrete or dry wall	carbon steel, galvanized steel, aluminum or fiberglass	carbon steel, galvanized steel, aluminum or fiberglass
Colors	67-928™ Gray	681-700™ White 681-704™ Red Oxide 681-705™ Buff 681-709™ Grey	67-934™ Red 67-939™ Gray 67-940™ Black
Activation Ratio	--	--	--
Activator	--	--	--
Film Build	4 mils wet 2 mils dry	4 mils wet 2 mils dry	4 mils wet 2 mils dry
Pot Life	Infinite	Infinite	infinite
Dry Times	To touch: 1 hour 15 min @ 75°F To recoat: 1 hour 15 min Hard dry: 3 hours 25 min	To touch: 1.5 hours @ 70°F To recoat: 3 hours Hard dry: 5-6 hours	To touch: 0.5 hours @ 70°F To recoat: 1 hours To handle: 1.5 hours

General Industrial | Ganicin™ Zinc Primer Product Offering Overview

Type	Primer	Primer	Primer
Product	Ganicin™ 2.8 ZR-U™	Ganicin™ 2.8 ZR-E™	Ganicin™ 2.8 MC-U™
Technology	Organic Zinc-Rich Polyurethane	Organic Zinc-Rich Epoxy	Organic Zinc-Rich Moisture-Cure Urethane
VOC	2.8	2.8	2.8
Gloss	Flat gloss	Flat gloss	Flat gloss
Primary attributes	Maximum corrosion resistance	Maximum corrosion resistance	Maximum corrosion resistance
Secondary attributes	Within VOC compliance regulations for zinc-rich primer Class 1	Within VOC compliance regulations for zinc-rich primer Class 1	Within VOC compliance regulations for zinc-rich primer Class 1
Substrate	Carbon steel (abrasive blasted)	Carbon steel (abrasive blasted)	Carbon steel (abrasive blasted)
Colors	Grey-green	Grey-green	Grey-green
Activation Ratio	1 short-filled gallon 62-ZR-101 1 pint FG-39007 1 347YB1502 (17.8 lb) container zinc dust	1 short-filled gallon 525-ZR-101 1 pint FG-39024 1 347YB1500 (13.4 lb) container zinc dust	1 short-filled gallon 63P1500 1 347YB1500 (13.4 lb) container zinc dust
Product Code	62-ZR-101	525-ZR-101	63P1500™
Activator	FG-39007	FG-39024	--
Zinc Dust	347YB1502	347YB1500	347YB1500
Film Build	4-7 mils wet 2-4 mils dry	3-7 mils wet 2-4 mils dry	5 mils wet 3 mils dry
Pot Life	No reduction 2 hours Reduced: See TDS	No reduction 3 hours With 5% T-8054 1 hours	8 hours
Dry Times	To touch: 1 hour @ 77°F To recoat: 3 hour Handle: 3-4 hours	To touch: 1 hour @ 77°F To recoat: 4 hours Handle: 3-4 hours	To touch: 0.5 hours @ 77°F To recoat: 2 hours Handle: 3-4 hours

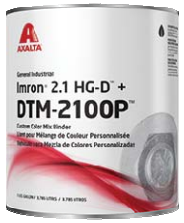
General Industrial | Topcoat Product Offering Overview

Type	Topcoat	Topcoat	Topcoat	Topcoat
Brand	Imron® Industrial Strength	Imron® 3.5 +	Imron® 2.1 +	Imron® 1.2 HG™
Quality	GN GO, GP, GQ	RH RM, RA, RF	QH QM, QA, QF	WG
Gloss Level	High gloss Reduced Gloss	High Gloss Semi-gloss, satin, flat	High gloss Semi-gloss, satin, flat	High gloss
Technology	Polyurethane	Polyurethane	Polyurethane	Waterborne Polyurethane
VOC	0.8	3.5	2.1	1.2
Value Segment	Premium	Mainstream	Mainstream	Mainstream
Application	Brush, roll, spray	Brush, roll, spray	Brush, roll, spray	Brush, roll, spray
Target Segments	Rail & Locomotive, Shortline Railroad, Amusement, Commercial & Industrial Facilities	Construction, Rail Right of Way Equip, Conveyor, Hot Mix Asphalt, Ready Mix Concrete	Portable & Modular Buildings, Propane, Ski Resort	Commercial & Industrial Facilities, Conveyor, Hot Mix Asphalt, Propane
Substrate	steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	steel, galvanized steel, stainless steel, aluminum, e-coat, concrete, concrete block, fiberglass, wood
Environment	corrosive or industrial marine environments	corrosive or industrial marine environments	corrosive or industrial marine environments	corrosive or industrial marine environments
Activation ratio	4:1	4:1 | 8:1	3:1 | 6:1	Ready to Spray
Activator	9T00-A™	9T00-A™	9T00-A™	--
Primary attributes	Premium appearance Excellent chemical resistance Outstanding flexibility In-field color shading capability	Superior appearance Excellent chemical resistance Outstanding abrasion resistance and flexibility	Superior appearance Excellent chemical resistance Outstanding abrasion resistance and flexibility	Highly durable Very good chemical and corrosion resistance
Secondary attributes	Ultra low VOC	Within VOC compliance regulations	Low VOC attributes	Low VOC attributes Isocyanate-free
Color capability	Solid colors 17 Balanced fac pac colors	Solid colors only Some Fac Pac | Mixes Only	Solid colors only Some Fac Pac | Mixes Only	10 Solid colors Mixes only
Color Mix Binder	9T0X Series - Balanced Tints	3500P™	2100P™	WG-01™, WG-02
Dry Time w/ Accel	1 hour	1.5 hours	1.5 hours	--
Dry Time w/o Accel	3 hours	3 hours	3 hours	0.5 hours



General Industrial | DTM Product Offering Overview

Type	DTM	DTM	DTM	DTM	DTM
Product	Imron® 1.5 ST-D™	Imron® 2.1 HG-D™ +	Imron® 3.1 HG-D™ +	Corlar® 2.1 ST™	Corlar® 2.8 HG-D™
Technology	Waterborne Polyurethane	Polyurethane	Polyurethane	Epoxy	Epoxy
VOC	1.5	2.1	3.1	2.1	2.1
Gloss	Satin gloss	High gloss	High gloss	Satin gloss	High gloss
Primary attributes	Very good chemical and corrosion resistance Highly durable	Outstanding corrosion and chemical resistance Exc. adhesion & flexibility	Outstanding corrosion and chemical resistance Exc. adhesion & flexibility	Outstanding corrosion and chemical resistance Application over damp surfaces	Great corrosion and chemical resistance
Secondary attributes	Isocyanate-free	Low VOC attributes	more user friendly for ease in application	Low VOC attributes Must topcoat for exterior exposure	VOC compliant
Substrate	carbon steel, galvanized steel, stainless steel, e-coat aluminum, block, concrete, fiberglass, wood	hot rolled carbon steel, weathered galvanized, aluminum, dry wall & wood	hot rolled carbon steel, weathered galvanized, aluminum, dry wall and wood	carbon steel, galvanized steel, stainless steel, aluminum, concrete, concrete block & wood	carbon steel, stainless steel, aluminum, concrete, concrete block and wood
Color Mix Binder	Mix quality "WF"	DTM-2100P™	DTM-3100P™	--	--
Colors	WF-01™ – White WF-02™ – Black use lined metal or plastic cans.	Fac Pacs 163-67632™ White 163-67640™ Black Mixed Solid Colors (SH)	Fac Pacs 164-67632™ White 164-67640™ Black Mixed Solid Colors (TH)	1LB25P™ Light Base 2MB25P™ Medium Base 3DB25P™ Dark Base 4NB25P™ Neutral Base	1LB26P™ Light Base 2MB26P™ Medium Base 3DB26P™ Dark Base 4NB26P™ Neutral Base
Activation Ratio	Ready to spray	6 : 1	8 : 1	1 : 1	1 : 1
Activator	--	Imron 9T00-A	Imron 9T00-A or 15309S	Corlar VF-525™	Corlar VF-026™
Accelerator	--	1 oz VG-805 or 1 oz V389S	1 oz VG-805 or 1 oz V389S	--	--
Additives | Reducers	0-10% deionized water	1 oz. 9M05 Rolling Thinner	1 oz. 9M05 Rolling Thinner	Y-32035™, RT001P™, T-8054™ or T-1025™	T-8054™
Film Build	8-12 mils wet 3-5 mils dry	6 – 8 mils wet 4 – 5 mils dry	6 – 8 mils wet 4 – 5 mils dry	Noncorrosive 5-8 mils Corrosive 10-12 mils Primer 3-8 mils | Mid Coat 4-6	8 mils wet 5 mils dry
Pot Life	--	3 hours @ 77°F w/o acc 1.5 – 2 hours @ 77°F w/acc	3 hours @ 77°F w/o acc 1.5 – 2 hours @ 77°F w/acc	hours @ 70°F w/o accelerator	5 hours @ 70°-90°F
Dry Times (w/o accelerator)	Tack free: 20-30 min @ 77°F To handle: 1 hour To recoat: 30 minutes Hard dry: 2 hours	To touch: 1.5 hours @ 77°F To handle: 6 hours To recoat: 6 hours Full cure: 7 days	To touch: 1.5 hours @ 77°F To handle: 6 hours To recoat: 4 hours Full cure: 7 days	To touch: 2-3 hours @ 70°F To handle: 4 hours To recoat: 3 hours Full cure: 7 days	To touch: 3 hours @ 70°F To handle: 16 hours To recoat: 16 hours Full cure: 10 days



General Industrial | DTM Product Offering Overview

Type	DTM	DTM	DTM
Product	Tufcote™ 1.9 HG-D™	Tufcote® 3.5 HG-D™	Tufcote® 3.5 HG-P™
Technology	Waterborne acrylic	Alkyd enamel	Alkyd enamel w/ polyurethane mod.
VOC	1.9	3.5	3.5
Gloss	Satin gloss	High gloss	High gloss
Primary attributes	Good gloss and color retention in mild to moderate environments	Very quick dry times DTM for interior exposure Wide variety of custom colors	Very durable coating; Very quick dry times; hardness, gloss and color retention over conf. alkyd enamels
Secondary attributes	Low VOC attributes Low odor	Within VOC compliance regulations Must topcoat for exterior exposure	Within VOC compliance regulations Wide variety of custom colors
Substrate	Carbon & galvanized steel, PVC, dry-wall, glass, aluminum, concrete, plaster, fiberglass, concrete blck wood	carbon steel, dry wall, and wood	carbon steel, dry wall, and wood
Color Mix Binder	--	--	--
Colors	1LB72P™ Light Base 2MB72P™ Medium Base 3DB72P™ Dark Base 4NB72P™ Neutral Base	1LB34P™ Light Base 2MB34P™ Medium Base 3DB34P™ Dark Base 4NB34P™ Neutral Base	1LB34P™ Light Base 2MB34P™ Medium Base 3DB34P™ Dark Base 4NB34P™ Neutral Base
Activation Ratio	Ready to spray	Ready to spray	8 : 1
Activator	--	--	Tufcote® FG-034™
Accelerator	--	--	--
Additives | Reducers	Water, if needed	T-8805™ or Y-32035™	T-8805™ or Y-32035™
Film Build	5.5 mils wet 2.0 mils dry	4 mils wet 2 mils dry	4 mils wet 2 mils dry
Pot Life	--	--	8 hours @ 77°F w/o accelerator
Dry Times (w/o accelerator)	To touch: 1 hours @ 77°F To handle: 3 hours To recoat: 3 hours Full cure: 24 hours	To touch: 20 minutes @70°F To handle: 1 hours To recoat: 30 minutes - 2 hours Full cure: 4 hours	To touch: 20 minutes @70°F To handle: 1 hours To recoat: 30 minutes - 2 hours Full cure: 4 hours

General Industrial | Clearcoat Product Offering Overview

Type	Clearcoat	Clearcoat	Clearcoat	Clearcoat
Product	Imron® 9C01™	Imron® 9C01™	Imron® 2.1 HG-C™	Imron® 3.5 HG-C™
Technology	Polyurethane	Polyurethane	Polyurethane	Polyurethane
VOC	0.3 (where TBAc is exempt)	0.3 (where TBAc is exempt)	2.1	3.5
Gloss	High gloss	Reduced gloss	High gloss	High gloss
Primary attributes	Next gen Imron® technology "Wet Look", Excellent long term color & gloss retention, chemical resistance	Outstanding color protection without gloss, Excellent chemical resistance in multiple gloss levels	Outstanding color protection without gloss, Excellent chemical resistance	Outstanding color protection without gloss, Excellent chemical resistance
Secondary attributes	Ultra low VOC Very good Skydrol® resistance	Ultra low VOC Very good Skydrol® resistance	Low VOC attributes	Within VOC compliance regulations
Substrate	primed and top-coated aluminum, carbon steel, galvanized, concrete or dry wall	topcoats, and properly prepared steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	topcoats, and properly prepared steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	topcoats, and properly prepared steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood
Gloss	High gloss 90+ 60º angle	Flat 0-10º Satin Gloss 25-45º Semi-Gloss 50-65º	High gloss 90+ 60º angle	High gloss 90+ 60º angle
Activation Ratio	4 : 1	8 : 1	3 : 1	3 : 1
Activator	9T00-A™	9T00-A™ & 9T20™ Flattener	FG-1333™	VGY-611™
Accelerators | Additives	1 oz VG-805™ Accelerator RTS/gal 9M05™ Rolling Additive	1 oz VG-805™ Accelerator RTS/gal 9M05™ Rolling Additive	Up to 2 oz VG-805™ Accelerator per RTS gallon	Up to 2 oz VG-805™ Accelerator per RTS gallon
Film Build	3-5 mils wet 2-3 mils dry	3-5 mils wet 2-3 mils dry	4 mils wet 2 mils dry	4 mils wet 2 mils dry
Pot Life	1.5 hours @ 77°F	1.5 hours @ 77°F	2 – 2.5 hour @ 77°F	1.5 – 2 hour @ 77°F
Dry Times	To touch: 3 hours @ 77°F To recoat: 4 hours Hard dry: 18 hours	To touch: 3 hours @ 77°F To recoat: 4 hours Hard dry: 18 hours	To touch: 2 hours @ 77°F To recoat: 6 hours To handle: 24 hours	To touch: 4-6 hours @ 77°F To recoat: 10-12 hours To handle: 10-12 hours

General Industrial | Clearcoat Product Offering Overview

Type	Clearcoat	Clearcoat	Clearcoat
Product	Imron® 1.2 HG-C™	Imron® 1.8 FT-C™	Imron® 2.8 FT-C™
Technology	Waterborne Polyurethane	Waterborne Polyurethane	Polyurethane
VOC	1.2	1.8	2.8
Gloss	High gloss	Flat gloss	High gloss
Primary attributes	High durability Very good chemical and corrosion resistance	High durability Very good chemical and corrosion resistance	Outstanding color protection and chemical resistance Ideal for restoring faded finishes without gloss
Secondary attributes	Low VOC attributes Isocyanate-free	Low VOC attributes Isocyanate-free	VOC compliant
Substrate	topcoats, and properly prepared steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	topcoats, and properly prepared steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastics and wood	Steel, galvanized steel, stainless steel, aluminum, concrete, concrete block, fiberglass, plastic, wood
Gloss	High gloss 80-85 @ 60º angle	Flat 0-10º @ 60º angle	High gloss 90+ @ 60º angle
Activation Ratio	Ready to Spray	Ready to Spray	3 : 1
Product Code	HGC-01™	FTC-01™	613P™
Activator	--	--	VGY-611™
Accelerators | Additives	Water, if needed	Water, if needed	0-3% 68083™ Up to 2 oz VG-805™
Film Build	5-7 mils wet 2-3 mils dry	5-7 mils wet 2-3 mils dry	3-5 mils wet 1.5-2.5 mils dry
Pot Life	--	--	1.5 - 2 hours @ 77°F
Dry Times	To touch: 20-30 mins @ 77°F To recoat: 30 minutes To handle: 1 hour	To touch: 20-30 mins @ 77°F To recoat: 30 minutes To handle: 1 hour	To touch: 1 hour @ 77°F To recoat: 1.5 hours Hard dry: 5 days