

INTEGRITY • INNOVATION • PERFORMANCE



Waste Water Selection Guide



WASTE WATER SELECTION GUIDE

Interior Immersion

Location	Substrate	Surface Prep	Primer	Intermediate	Topcoat
Grit Chamber	Steel	SSPC-SP 10 Near White Blast	ClovaMastic 83110	None	ClovaMastic 83110
Grating			Jotun Marathon GF	None	Jotun Marathon GF
Screw Pumps			NSP 120 HB	None	NSP 120 HB
Clarifiers	Concrete / Deteriorated	SSPC-SP- 13 Surface Preparation of Concrete	Prep Tech 83020	ClovaMastic 83110	ClovaMastic 83110
Aeration Tanks			Jotun Pen o Prep Sealer	Jotun Marathon GF	Jotun Marathon GF
Screening Tanks			NSP 100 Penetrating Sealer	NSP 120 HB	NSP 120 HB
Settling Tanks			NSP 100 Penetrating Sealer	NSP 260 WB Resurfacer	NSP 120 HB
Concrete Pipe	Potable Water Lining NSF-61	SSPC-SP 10 Near White Blast		Jotun Tank Guard 412	Jotun Tank Guard 412
Steel Pipe			None	None	LifeLast DuraShield
Water Tanks		SSPC-SP-13 Surface Preparation of Concrete	Jotun Pen o Prep Sealer	Jotun Tank Guard 412	Jotun Tank Guard 412
			LifeLast Primall Epoxy	None	LifeLast DuraShield
Primary Digesters	Concrete	SSPC-SP-13 Surface Preparation of Concrete	Jotun Pen o Prep	Jotun Tank Guard SF	Jotun Tank Guard SF
	Steel	SSPC-SP 10 Near White Blast		Jotun Tank Guard SF	Jotun Tank Guard SF
Sludge Processing	Concrete	SSPC-SP-13 Surface Preparation of Concrete	Jotun Pen o Prep	Jotun Tank Guard SF	Jotun Tank Guard SF
		SSPC-SP 10 Near White Blast		Jotun Tank Guard SF	Jotun Tank Guard SF

Interior Non Immersion

Location	Substrate	Surface Prep	Primer		Intermediate	Topcoat
Machinery Equipment	Steel	"New" SSPC-SP 6 Commercial Blast	ClovaZinc 2 Inorganic Zinc Silicate (Shop)	ClovaZinc 3 Organic Zinc (Field)	ClovaMastic 83110	ClovaCoat 300
Wet Wells			Jotun Resist 86 Inorganic Zinc Silicate (Shop)	Jotun Barrier Organic Zinc (Field)	Jotamastic 90	Jotamastic 90
Screening Chamber		"Repaint" SSPC -SP 2/3 Hand or Power Tool Clean	ClovaMastic 83110		ClovaMastic 83110	ClovaCoat 300 (optional)
Chemical			Jotamastic 90		Jotamastic 90	Jotamastic 90
Storage Rooms	Concrete	SSPC-SP 13 Surface Preparation of Concrete	Pen o Prep Epoxy Sealer		Jotamastic 90	Jotamastic 90
Pump Stations			Prep Tech 83020 Epoxy Sealer		ClovaMastic 83110	ClovaCoat 300
Dry Wells	Galvanized Steel	SSPC-SP 16 Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals	ClovaMastic 83110		ClovaMastic 83110	ClovaCoat 300 (optional)
Catwalks			Jotamastic 90		Jotamastic 90	Jotamastic 90
Bridges						
Handrails	CMU	Clean and Dry	Epoxy Block Filler 83065		ClovaMastic 83110	ClovaMastic 83110
Digester Covers			Jotun Block Filler		Jotamastic 90	Jotamastic 90

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Interior Exposure

Location	Substrate	Surface Prep	Primer	Intermediate	Topcoat
Control Rooms	Concrete Block	Clean and Dry	Cloverdale 05700 Block Filler	Cloverdale 706 Series Ecologic	Cloverdale 706 Series Ecologic
				Cloverdale 705 Series WB Epoxy	Cloverdale 705 Series WB Epoxy
Laboratories	Concrete Floors	SSPC-SP 13 Acid Etch	NSP 100 Epoxy Sealer	None	NSP 122 Epoxy
Works Rooms	Drywall	Clean and Dry Dust Free	Cloverdale 05250 Drywall Sealer	Cloverdale 706 Series Ecologic	Cloverdale 706 Series Ecologic
Pump Rooms				Cloverdale 705 Series WB Epoxy	Cloverdale 705 Series WB Epoxy
Blower Rooms	Metal	SSPC SP 2/3 Hand/Power Tool Clean	Cloverdale 71024 Rustex	Cloverdale 749 Series Marine Enamel	Cloverdale 749 Series Marine Enamel
				Cloverdale 705 Series WB Epoxy	Cloverdale 705 Series WB Epoxy

Exterior: UV and Mild Chemical

Location	Substrate	Surface Prep	Primer	Intermediate	Topcoat
Structures	Steel	"New" SSPC-SP-6 Commercial Blast	Clova Zinc 2 (Shop) Inorganic Zinc Silicate	Clovamastic 83110	Armour Shield 837/839 Series
			Jotun Resist 86 (Shop) Inorganic Zinc Silicate	Jotun Jotamastic 90	Jotun Hardtop XP
Clova Zinc 3 Organic Zinc			Clovamastic 83110	Armour Shield 837/839 Series	
Jotun Barrier Organic Zinc			Jotun Jotamastic 90	Jotun Hardtop XP	
Pipe Racks		"Repaint" SSPC-SP 2/3 Hand/Power Tool Clean	ClovaMastic 83110	Clovamastic 83110 (Optional)	Armour Shield 837/839 Series
			Jotun Jotamastic 90	Jotun Jotamastic 90 (Optional)	Jotun Hardtop XP
Valves	Concrete Block	"New/Repaint" Clean and Dry SSPC-SP 13	Cloverdale Epoxy Block Filler 83065	Clovamastic 83110	Cloverdale Armour Shield 837/839 835 Series DTM
Handrails			Cloverdale Block Filler 05700	Cloverdale Covercoat 02010	Cloverdale Covercoat 02010
			Jotun Block Filler	Jotun Jotamastic 90	Jotun Hardtop XP
Ramps	Galvanized	SSPC-SP-16 ClovaClean	ClovaMastic 83110	Clovamastic 83110 (Optional)	Armour Shield 837/839
			Jotun Jotamastic 90	Jotun Jotamastic 90 (Optional)	Jotun Hardtop XP
Doors	Weathered Galvanized	SSPC-SP-1 Clova Clean	Cloverdale 71024 Rustex Primer	Cloverdale 749 Marine Enamel	Cloverdale 749 Marine Enamel
			Clovamastic 83110	Clovamastic 83110	Cloverdale Armourshield 837/839



