



**DEVOE®**

**COATINGS**

# Coating Systems Guide

for

**Commercial  
and  
Industrial  
Facilities**

Protecting Today's Industrial and Commercial Facilities requires a broad range of products. ICI Devoe Coatings brand is backed by over 200 years of experience. We understand the special services and application needs of the industrial customer. We offer many innovative products to protect and extend the life of your assets, reduce downtime, and provide cost effective solutions to your coatings needs.

For technical assistance and complete information on our full range of paints and coatings call 1-800-654-2616 or visit our website at [www.devoecoatings.com](http://www.devoecoatings.com).

BAR-RUST™, BLOXFIL®, CATHA-COAT®, DEVCHEM®, DEVFLEX™, DEVGRIP®, DEVGUARD™, DEVMAT®, DEVOE®, DEVPREP®, DEVRAN®, DEVSHIELD™, DEVTAR®, DEVTHANE™, PRE-PRIME™, SPEEDENAMEL®, TRU-GLAZE®, TRU-GLAZE-WB™, UNI-GRIP® are trademarks of ICI Devoe Coatings.

1-800-4-FAXCAT — Call 24 hours a day and request any literature by choosing the corresponding Code Number. ▼

SUBSTRATE	SERVICE	Devoe Coatings System Number	PRODUCTS	DESCRIPTION	MINIMUM SURFACE PREP	DFT PER COAT (MILS)	SYSTEM DFT (MILS)	VOL SOLS. (%)	VOC	GLOSS	Thomas Register Literature Fax #
STEEL	EXTERIOR	DC 1	PRIMER: Catha-Coat 302H	Reinforced Inorganic Zinc		2-3		78	282	Flat	111286
			INTERMEDIATE: Devran 224HS FINISH: Devthane 379	High Build Epoxy Aliphatic Urethane	SP-6	4-6 2-3	8-12	75 63	212 311	Semi-Gloss Gloss	111281 111287
		DC 2	PRIMER: Devran 224HS INTERMEDIATE: Devran 224HS FINISH: Devthane 379	High Build Epoxy Aliphatic Urethane	SP-2	4-6 4-6 2-3	10-15	75 75 63	212 212 311	Semi-Gloss Semi-Gloss Gloss	111281 111281 111287
		DC 4	PRIMER: Devran 224HS FINISH: Devran 224HS	High Build Epoxy High Build Epoxy	SP-2	4-6 4-6	8-12	75 75	212 212	Semi-Gloss Semi-Gloss	111281 111281
		DC 25	FINISH: HT-12	High Heat Silicone	SP-10	0.8 to 1.0	0.8 to 1.0	34	592	Semi-Gloss	111298
	DC 32										
		DC 33	PRIMER: Devflex 4020 FINISH: Devflex 4208	DTM Flat Int/Ext Waterborne Primer/Finish Int/Ext Waterborne Acrylic Gloss Enamel	SP-6	2-3.5 1.5-2	3.8-5.5	44 41	91 205	Flat Gloss	111305 111307
	DC 37										
		INTERIOR	DC 33	PRIMER: Devflex 4020 FINISH: Devflex 4208	DTM Flat Int/Ext Waterborne Primer/Finish Int/Ext Waterborne Acrylic Gloss Enamel	SP-6	2-3.5 1.5-2	44 41	91 205	Flat Gloss	111302 111307
	DC 34										
			DC 35	PRIMER: Devran 4170 FINISH: Tru-Glaze 4508	Corrosion Resistant Epoxy Primer Chemical Resistant Epoxy	SP-6	3-8 3-5	6-13	54 44	388 476	Satin Gloss
	DC 37										
		IMMERSION	DC 6	PRIMER: Devchem 253 INTERMEDIATE: Devchem 253 FINISH: Devchem 253 (Optional)	Chemical Resistant Lining Chemical Resistant Lining Chemical Resistant Lining	SP-10	4-6 4-6 4-6	Two Coat 10-12 Three Coat 12-18	72 72 72	200 200 200	Semi-Gloss Semi-Gloss Semi-Gloss
	DC 7										
			DC 13	PRIMER: Devran 233H FINISH: Devran 233H	Multi-Purpose Epoxy Multi-Purpose Epoxy	SP-10	4-8 4-8	8-16	80 80	170 170	Semi-Gloss Semi-Gloss
	DC 14										
			DC 24	PRIMER: Devchem 257 FINISH: Devchem 257	Chemical Resistant Lining Chemical Resistant Lining	SP-10	5-6 5-6	10-12	74 74	218 218	Semi-Gloss Semi-Gloss
	DC 33										
			DC 38	PRIMER: Devran 201 FINISH: Devthane 379	Universal Epoxy Primer Aliphatic Urethane	Clean & Dry	2-3 2-3	4-6	57 63	379 311	Flat Gloss
	DC 39	PRIMER: Devran 4170 FINISH: Devthane 379									
			DC 40	PRIMER: Devguard 4120 FINISH: Devguard 4308	All-Purpose Metal/Galvanized Primer Alkyd Industrial Gloss Enamel	Clean & Dry	1.5-2 2-2.5	3.5-4.5	51 45	388 428	Flat Gloss

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SUBSTRATE	SERVICE	Devoe Coatings System Number	PRODUCTS	DESCRIPTION	MINIMUM SURFACE PREP	DFT PER COAT (MILS)	SYSTEM DFT (MILS)	VOL SOLS. (%)	VOC	GLOSS	Thomas Register Literature Fax #	
CONCRETE	NON-IMMERSION INTERIOR	DC 27	SEALER: Pre-Prime 167 FINISH: Devran 224HS	Penetrating Sealer High Build Epoxy	ASTM D-4258	1 4-6	5-7	100 75	204 212	Semi-Gloss Semi-Gloss	111278 111281	
			DC 33	PRIMER: Devflex 4020 FINISH: Devflex 4208	DTM Flat Int/Ext Waterborne Primer/Finish Int/Ext Waterborne Acrylic Gloss Enamel	Clean & Dry	2-3.5 1.5-2	3.8-5.5	44 41	91 205	Flat Gloss	111302 111307
		NON-IMMERSION EXTERIOR	DC 5	INTERMEDIATE: Devran 224HS FINISH: Devthane 379	High Build Epoxy Aliphatic Urethane	BLAST	4-6 2-3	7-10	75 63	212 311	Semi-Gloss Gloss	111281 111287
		IMMERSION	DC 17	SEALER: Pre-Prime 167 INTERMEDIATE: Devtar 5A FINISH: Devtar 5A	Penetrating Sealer High Build Epoxy High Build Epoxy	BRUSH BLAST	1 6-8 6-8	13-17	100 67 67	204 261 261	Semi-Gloss Semi-Gloss Semi-Gloss	111278 111280 111280
	FLOORS MODERATE	DC 54	SEALER: Pre-Prime 167 INTERMEDIATE: Tru-Glaze 4508 FINISH: Tru-Glaze 4508	Penetrating Sealer Epoxy Finish Epoxy Finish	BRUSH BLAST	1 3-5 3-5	7-11	100 44 44	204 476 476	Semi-Gloss Gloss Gloss	111278 111310 111310	
												DC 75
		DC 86	SEALER: Devfloor 505 INTERMEDIATE: Devfloor 505 FINISH: Devfloor 563	Waterbase Epoxy Sealer Waterbase Epoxy Sealer Clear Aliphatic Polyester Urethane	BRUSH BLAST	3 3 1-2	6 7-8 (optional)	38 (avg) 38 (avg) 24	120 120 123	Satin Satin Gloss	111288 111288 111295	
												DC 89
		FLOORS SEVERE	DC 10	SEALER: Pre-Prime 167 FINISH: Devran 122	Penetrating Sealer Epoxy Floor Coating	BRUSH BLAST	1 20	21	100 100	204 35	Semi-Gloss Gloss	
												DC 11
	DC 28		SEALER: Pre-Prime 167 INTERMEDIATE: Devgrip 238 FINISH: Devgrip 238	Penetrating Sealer Abrasion Resistant Epoxy-Non Skid Abrasion Resistant Epoxy-Non Skid	BRUSH BLAST	1 10 10	21	100 77 77	204 206 206	Semi-Gloss Semi-Gloss Semi-Gloss	111278 111283 111283	
												DC 74
	DC 76		SEALER: Devfloor 505 INTERMEDIATE: Devfloor 514 FINISH: Devfloor 561 (optional)	Waterbase Epoxy Sealer Clear 100% Solids Epoxy Chemical Resistant Urethane Finish	BRUSH BLAST	3 3	19 22 (optional)	38 (avg) 100 53 <sup>3</sup>	120 0 426 <sup>3</sup>	Satin Gloss Gloss	111288 111291 111294	
												DC 77
	Floor Resurfacer	DC 84	SEALER: Devfloor 505 INTERMEDIATE: Devfloor 522 FINISH: Devfloor 561 (optional)	Waterbase Epoxy Sealer Epoxy Resurfacer Chemical Resistant Flooring	BRUSH BLAST	3 60 3	66	38 (avg) 100 53 <sup>3</sup>	120 0 426 <sup>3</sup>	Satin Gloss Gloss	111288 111292 111294	

CONCRETE MASONRY UNITS INTERIOR	MILD TO MODERATE	DC 30	PRIMER: Bloxfil 4000 FINISH: Devflex 4208	Int/Ext Heavy Duty Acrylic Block Filler Int/Ext Waterborne Acrylic Gloss Enamel	ASTM D4261	7-14.5 1.5-2.0	8.5-16.5	45 41	67 205	Flat Gloss	111300 111307
	WET	DC 44	PRIMER: Tru-Glaze 4010 FINISH: Tru-Glaze 4508	Waterproofing Base Coat & Filler Chemical Resistant Epoxy	Clean & Dry	10-16 3-5	13-21	50 44	399 476	Flat Gloss	111301 111310
DRY											

CONCRETE MASONRY UNITS EXTERIOR	MILD TO MODERATE	DC 30	PRIMER: Bloxfil 4000 FINISH: Devflex 4208	Int/Ext Heavy Duty Acrylic Block Filler Int/Ext Waterborne Acrylic Gloss Enamel	ASTM D4261	7-14.5 1.5-2	8.5-16.5	45 41	67 205	Flat Gloss	111300 111307
	EXTERIOR	DC 2	PRIMER: Devran 224HS INTERMEDIATE: Devran 224HS FINISH: Devthane 379	High Build Epoxy High Build Epoxy Aliphatic Urethane	ASTM D4261	To Fill 4-6 2-3	To Fill 6-9	75 75 63	212 212 311	Semi-Gloss Semi-Gloss Semi-Gloss	111281 111281 111287
WOOD											
	INTERIOR	DC 33	PRIMER: Devflex 4020 FINISH: Devflex 4208	DTM Flat Int/Ext Waterborne Primer/Finish Int/Ext Waterborne Acrylic Gloss Enamel	Clean & Dry	2-3.5 1.5-2	3.8-5.5	44 41	91 205	Flat Gloss	111302 111307
DC 43											

DRYWALL	INTERIOR	DC 33	PRIMER: Devflex 4020 FINISH: Devflex 4208	DTM Flat Int/Ext Waterborne Primer/Finish Int/Ext Waterborne Acrylic Gloss Enamel	Clean & Dry	2-3.5 1.5-2	3.8-5.5	44 41	91 205	Flat Gloss	111302 111307



# Key Product Descriptions

Thomas Register  
Literature Fax

## Pre-Prime 167&168LTC

A 100% solids penetrating epoxy sealers designed to wet and penetrate rust or concrete. These unique products provide a justified alternative to maintenance blasting – products that wet, seal, and strengthen rust or weak concrete.

111278

## Bar-Rust Series

Multi-purpose coatings with excellent interior and exterior performance. The most unique, user friendly epoxy linings on the market. NSF certified for tanks, pipes, valves and fittings. Fast recoat, cold weather cure, surface tolerant and VOC compliant. They can be applied in one, two, or three coat applications.

111311

## Devran Series

High solids high build polyamide epoxy coatings. They can be used as surface tolerant primers with excellent adhesion to prepared aged coatings, high build intermediates, or as epoxy finish coats.

111281

## Devchem Series

Chemical resistant epoxy tank linings. Products whose performance have established themselves as the standard for air-dry chemical resistant linings. They have exceptional resistance to a wide range of chemicals, temperatures, and pressures making them the perfect lining for Chemical, Petrochemical, and Processing Plants. Their high solids and low VOC are added benefits.

111284

## Devtar

A unique hydrocarbon modified epoxy with excellent water immersion resistance. High solids, high build, direct-to-metal. A stable coal tar free epoxy lining.

111280

## Tru-Glaze-WB

Premium quality waterborne epoxy coatings offering a primer and semi-gloss or gloss finish coat in over thousands of colors. Their superior hardness, gloss and scrubability keep them shining and attractive long after traditional coatings have quit, all without the odor of solventborne epoxy coatings.

111307

## Devflex

Durable enamel-like waterborne finishes. Excellent gloss and color retention. VOC compliance with water thinning and clean-up. Proven performance in mild industrial environments. Available in high gloss or semi-gloss in over thousands of colors.

111309

## Devguard

A premium quality alkyd system available in both gloss and semi-gloss, as well as a wide variety of custom colors. For use on machinery, equipment, piping and tanks. Toughness and fast dry provide maintenance with minimum plant interruption.

111308

## Devthane Series

Devthane is Devoe's trade name for its high performance line of aliphatic acrylic urethanes. Whether you pick 359 for its higher build, 378 for a semi-gloss finish, 369, 379UVA or 4708 for gloss finishes at your choice of VOC levels, they all provide exceptional gloss and color retention. The ultimate in exterior performance.

111287

## Devfloor Series

The Devfloor Series provides a complete assortment of high performance primers, fillers, resurfacers, and finishes for the maintenance of concrete floors and secondary containment areas in industrial facilities.

111291

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