

HIGHLAND INDUSTRIAL COATINGS - QUICK SPECS

HiTEMP COATINGS

	PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP.	FINISH*	VOLUME SOLIDS	VOC	COLOR
Primers	827-HB	Inert Multipolymeric Matrix	Single Package	4-16	-300°F - 1200°F	No	Yes	Flat	65%	< 408 g/L	Black, Gray, Aluminum
	15-ZN	Silicone Zinc Copolymer	2 component	2-3	250°F - 1000°F	Yes	No	Eggshell	41%	< 420 g/L	Yellow-Gray
	335	Inorganic Zinc	2 component	2-3.5	up to 750°F	No	No	Flat	65%	< 472 g/L	Green-Gray
	47-HF	Hybrid Epoxy Novolac	4:1	4-16	up to 450°F	No	Yes	Semi-Gloss	70%	< 300 g/L	Yellow, Red, Gray
	48-HF	Hybrid Epoxy Novolac	4:1	10-14	up to 450°F	No	Yes	Semi-Gloss	70%	< 275 g/L	Gray
Direct-To-Metal	827-HB	Inert Multipolymeric Matrix	Single Package	4-16	-300°F - 1200°F	No	Yes	Flat	65%	< 408 g/L	Black, Gray, Aluminum
	810-HF	Silicone Copolymer	Single Package	3-5	250°F - 1200°F	Yes	Yes	Flat	42%	< 419 g/L	Black (or #808 Gray)
	807-LH	Silicone Copolymer	Single Package	3-5	250°F - 1200°F	Yes	Yes	Flat	36%	< 419 g/L	Aluminum
	899-DF	Modified Silicone Copolymer	Single Package	6-8	350°F-1000°F	Yes	Yes	Flat	52%	< 398 g/L	Selected Range
	812-LH	Silicone Alkyd	Single Package	3-5	up to 600°F	No	No	Flat	51%	< 370 g/L	Black (or #802 Gray)
	47-HF	Hybrid Epoxy Novolac	4:1	4-16	up to 450°F	No	Yes	Semi-Gloss	70%	< 300 g/L	Yellow, Red, Gray
Topcoats	899-DF	Modified Silicone Copolymer	Single Package	6-8	350°F-1000°F	Yes	Yes	Flat	52%	< 398 g/L	Selected Range
	805-LH	Modified Silicone Copolymer	Single Package	2-3	250°F - 1000°F	Yes	No	Flat	45%	< 420 g/L	Selected Range
	815-DF	Acrylic Silicone Copolymer	Single Package	2-3	up to 500°F	No	Yes	Satin	47%	< 418 g/L	Selected Range

HiTEMP DRY-FALL COATINGS

	PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP.	FINISH*	VOLUME SOLIDS	VOC	COLOR
Primers	827-HB	Inert Multipolymeric Matrix	Single Package	4-16	-300°F - 1200°F	No	Yes	Flat	65%	< 408 g/L	Black, Gray, Aluminum
	15ZN-DF	Silicone Zinc Copolymer	2 component	2-3	250°F - 1000°F	Yes	No	Eggshell	41%	< 420 g/L	Yellow-Gray
	335-DF	Inorganic Zinc	2 component	2-3.5	up to 750°F	No	No	Flat	65%	< 472 g/L	Green-Gray
Direct-To-Metal	827-HB	Inert Multipolymeric Matrix	Single Package	4-16	-300°F - 1200°F	No	Yes	Flat	65%	< 408 g/L	Black, Gray, Aluminum
	810-DF	Silicone Copolymer	Single Package	3-5	250°F - 1200°F	Yes	Yes	Flat	42%	< 419 g/L	Black (or #808 Gray)
	807-DF	Silicone Copolymer	Single Package	3-5	250°F - 1200°F	Yes	No	Flat	36%	< 419 g/L	Aluminum
	899-DF	Modified Silicone Copolymer	Single Package	6-8	350°F-1000°F	Yes	Yes	Flat	52%	< 398 g/L	Selected Range
Topcoats	899-DF	Modified Silicone Copolymer	Single Package	6-8	350°F-1000°F	Yes	Yes	Flat	52%	< 398 g/L	Selected Range
	805-DF	Modified Silicone Copolymer	Single Package	2-3	250°F - 1000°F	Yes	No	Flat	45%	< 420 g/L	Selected Range
	815-DF	Acrylic Silicone Copolymer	Single Package	2-3	up to 500°F	No	Yes	Satin	47%	< 418 g/L	Selected Range

SOLVENT BORNE DRY-FALL COATINGS

	PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME / RECOAT	CORROSION RESISTANCE	UV RESISTANCE	FINISH*	VOLUME SOLIDS	VOC	COLOR
Primers	335	Inorganic Zinc	2 component	2-3.5	16 Hrs.	Excellent	N/A	Flat	65%	< 472 g/L	Green-Gray
	325R-DF	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	< 340 g/L	Gray-Green
	325R-CA	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	< 250 g/L	Gray-Green
	475R	Polyamine Epoxy	9:2	2-3	1-2 Hrs.	Very Good	N/A	Flat	45%	< 340 g/L	Off White
	475R-CA	Polyamine Epoxy	9:2	2-3	1-2 Hrs.	Very Good	N/A	Flat	45%	< 250 g/L	Off White
	475R-SC	Polyamine Epoxy	9:2	2-3	1-2 Hrs.	Very Good	N/A	Flat	45%	< 100 g/L	Off White
	84-DF	Phenolic Modified Alkyd	Single Package	2-3	1 Hr.	Very Good	N/A	Flat	61%	< 335 g/L	Off White
Direct-To-Metal	485R	Polyamine Epoxy	9:2	4-8	1-2 Hrs.	Very Good	Fair	Satin	45%	< 335 g/L	Selected Range
	485R-CA	Polyamine Epoxy	9:2	4-8	1-2 Hrs.	Very Good	Fair	Satin	45%	< 250 g/L	Selected Range
	485R-SC	Polyamine Epoxy	9:2	4-8	1-2 Hrs.	Very Good	Fair	Satin	45%	< 100 g/L	Selected Range
Topcoats	68R	Aliphatic Urethane	4:1	2-3	1 Hr.	Very Good	Excellent	HG / SG / S	41%	< 340 g/L	Selected Range
	68R-CA	Aliphatic Urethane	4:1	2-3	1 Hr.	Very Good	Excellent	HG / SG / S	45%	< 250 g/L	Selected Range
	68R-SC	Aliphatic Urethane	4:1	2-3	1 Hr.	Very Good	Excellent	HG / SG / S	45%	< 100 g/L	Selected Range
	720	Modified Silicone Alkyd	Single Package	2-3	30 Min.	Good	Very Good	Gloss	42%	< 340 g/L	Selected Range
	720-CA	Modified Silicone Alkyd	Single Package	2-3	30 Min.	Good	Very Good	Gloss	42%	< 250 g/L	Selected Range
	65R	Modified Acrylic	Single Package	2-3	20 Min.	Good	Good	Gloss	35%	< 400 g/L	Selected Range

GENERAL MAINTENANCE COATINGS

	PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME / RECOAT	CORROSION RESISTANCE	UV RESISTANCE	FINISH*	VOLUME SOLIDS	VOC	COLOR
Primers	325	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	< 340 g/L	Gray-Green
	325R-CA	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	< 250 g/L	Gray-Green
	97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	N/A	Semi-Gloss	70%	< 250 g/L	Selected Range
	84-LH	Phenolic Modified Alkyd	Single Package	2-3	1 Hr.	Very Good	N/A	Flat	61%	< 335 g/L	Off White
Direct-To-Metal	58	Aliphatic Copolymer Urethane	3:1	4-6	1 Hr.	Very Good	Excellent	HG / G SG / S	50%	< 350 g/L	Selected Range
	97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	Fair	Semi-Gloss	70%	< 250 g/L	Selected Range
	53	Modified Acrylic	Single Package	3-4	1 Hr.	Good	Good	Flat	43%	< 419 g/L	Black
Topcoats	36-HF	Aliphatic Acrylic Urethane	3:1	2-3	30 Min.	Very Good	Excellent	HG / SG / F	55%	< 400 g/L	Selected Range
	37	Acrylic Alkyd	Single Package	2-3	30 Min.	Good	Very Good	High-Gloss	50%	< 419 g/L	Selected Range
	775	Silicone Alkyd	Single Package	2-3	12 Hrs.	Good	Very Good	Gloss	60%	< 335 g/L	Selected Range
	150C	Alkyd	Single Package	2-3	3-4 Hrs.	Good	Very Good	Gloss	45%	< 450 g/L	Selected Range
	150-28	Alkyd	Single Package	2-3	3-4 Hrs.	Good	Very Good	Gloss	50%	< 335 g/L	Selected Range

OEM COATINGS

	PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME / RECOAT	CORROSION RESISTANCE	UV RESISTANCE	FINISH*	VOLUME SOLIDS	VOC	COLOR
Primers	335	Inorganic Zinc	2 component	2-3.5	18 Hrs.	Excellent	N/A	Flat	65%	< 472 g/L	Green-Gray
	325	Zinc Rich Epoxy	9:2	2-3	2-3 Hrs.	Excellent	N/A	Flat	50%	< 335 g/L	Gray-Green
	325-CA	Zinc Rich Epoxy	9:2	2-3	2-3 Hrs.	Excellent	N/A	Flat	50%	< 250 g/L	Gray-Green
	47-HF	Hybrid Epoxy	4:1	4:1	3-4 Hrs.	Excellent	N/A	Semi-Gloss	70%	< 300 g/L	Yellow, Red, Gray
	97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	N/A	Semi-Gloss	70%	< 250 g/L	Selected Range
	77-LH	Polyamide Adduct Epoxy	1:1	2-6	3-4 Hrs.	Very Good	N/A	Flat	55%	< 331 g/L	Gray, White
	35-S	Modified Phenolic Alkyd	Single Package	2-3	1-2 Hrs.	Good	N/A	Flat	48%	< 419 g/L	Off White
	26-S	Modified Phenolic Alkyd	Single Package	2-3	30 Min.	Good	N/A	Flat	48%	< 419 g/L	White
	84-LH	Phenolic Modified Alkyd	Single Package	2-3	1 Hr.	Good	N/A	Flat	61%	< 335 g/L	Off White
Direct-To-Metal	61	Aliphatic Copolymer Urethane	3:1	4-6	1 Hr.	Very Good	Excellent	HG / G SG / S	50%	< 350 g/L	Selected Range
	97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	Fair	Semi-Gloss	70%	< 250 g/L	Selected Range
	77-LH	Polyamide Adduct Epoxy	1:1	2-6	3-4 Hrs.	Very Good	Fair	Flat	55%	< 331 g/L	Gray, White
	53	Modified Acrylic	Single Package	3-4	1 Hr.	Good	Good	Flat	43%	< 419 g/L	Black
Topcoats	64	Copolymer Urethane	3:1	2-3	30 Min.	Excellent	Excellent	High-Gloss	55%	< 373 g/L	Selected Range
	37	Acrylic Alkyd	Single Package	2-3	30 Min.	Good	Very Good	High-Gloss	50%	< 419 g/L	Selected Range
	775	Silicone Alkyd	Single Package	2-3	12 Hrs.	Good	Very Good	Gloss	60%	< 335 g/L	Selected Range
	150C	Alkyd	Single Package	2-3	3-4 Hrs.	Good	Very Good	Gloss	45%	< 450 g/L	Selected Range
	150-28	Alkyd	Single Package	2-3	3-4 Hrs.	Good	Very Good	Gloss	50%	< 335 g/L	Selected Range

LINER COATINGS

	PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	RECOAT	CORROSION RESISTANCE	HEAT RESISTANCE	FINISH*	VOLUME SOLIDS	VOC	COLOR
Liners	74-HF	Hybrid Epoxy Novolac	4:1	10-18	3-36 Hrs.	Excellent	Dry Heat: 450°F Immersion: 300°F	Eggshell	70%	< 250 g/L	Red, Yellow, Green
	74-AR	Hybrid Epoxy Novolac	4:1	10-18	3-36 Hrs.	Excellent	Dry Heat: 450°F Immersion: 300°F	Eggshell	72%	< 250 g/L	Red, Yellow, Green
	74-IS	Hybrid Epoxy Novolac	1:1	10-16	4-26 Hrs.	Excellent	Dry Heat: 350°F Immersion: 250°F	Eggshell	74%	< 202 g/L	Oxide Red
	67-HF	Hybrid Epoxy Novolac	4:1	10-18	3-36 Hrs.	Very Good	Dry Heat: 350°F Immersion: 250°F	Eggshell	70%	< 250 g/L	Off White, Light Blue

*Finish: HG = High-Gloss, G = Gloss, SG = Semi-Gloss, S = Satin, F = Flat, E = Eggshell