



# Highland Quick Specs

## Technical Coatings Guide







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## How To Use This Guide

This technical coatings guide was created to make the coating selection process as easy as possible. We have included the most essential data for each of our coatings, and sorted them by product line. First select a product line, then a coating type (primer, topcoat or direct-to-metal coating). From there use the data provided to make your selection based on your unique service requirements. If you need additional data or technical assistance, our NACE and SSPC certified staff members are standing by. From initial coating selection to the final coat and beyond, Highland offers support every step of the way.

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experience from selection to performance,  
**contact us today!***

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# HiTemp

## High Temperature Primers & Topcoats

When combined, Highland HiTemp primers and topcoats provide the highest level of performance. Our HiTemp primers provide top-level corrosion protection, and maximum adhesion. Our HiTemp topcoats feature long-lasting color purity, gloss retention, and UV resistance.

### Primers

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
15-ZN	Silicone Copolymer Zinc	2K	2-3	250°F - 1000°F	Yes	No	Eggshell	41%	420 g/L	Yellow-Gray
74-HF	Hybrid Epoxy Novolac	4:1	4-16	Ambient - 450°F	No	Yes, 300°F	Semi-Gloss	70%	247 g/L	Yellow, Green, Gray
79-LH	Polyamide Adduct Epoxy	1:1	3-10	Ambient - 300°F	No	No	Flat	56%	368 g/L	Yellow-Gray
335	Inorganic Zinc	2K	2-3.5	Ambient - 750°F	No	No	Flat	65%	472 g/L	Green-Gray
802	Modified Silicone	N/A	2-3	Ambient - 600°F	No	Yes, 400°F	Eggshell	51%	370 g/L	Light Gray
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	Yes, 750°F	Flat	65%	408 g/L	Black, Gray, Aluminum
850-PR	Silicone Alkyd	N/A	1-2	Ambient - 400°F	No	No	No	42%	486 g/L	Black, Gray, Aluminum
860-HF	Silicone Copolymer	N/A	2-3	Ambient - 400°F	No	No	Flat	50%	392g/L	Light Yellow, Gray

### Topcoats

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
350-INS	Composite Ceramic Insulation	N/A	40-200	Ambient - 350°F	No	No	Flat	65%	25 g/L	White & Gray
350-TC	Modified Acrylic	N/A	1-1.5	Ambient - 350°F	No	No	Gloss	35%	420 g/L	Standard & Custom
805-LH	Modified Silicone Copolymer	N/A	2-3	250°F - 1000°F	Yes	No	Flat	45%	420 g/L	Standard & Custom
815	Acrylic Silicone Copolymer	N/A	2-3	Ambient - 500°F	No	Yes, 400°F	Satin	47%	418 g/L	Standard & Custom
850-TC	Silicone Alkyd	N/A	1-2	Ambient - 400°F	No	No	Gloss	46%	410 g/L	Standard & Custom
852-TC	Acrylic Silicone Copolymer	N/A	1-2.5	Ambient - 500°F	No	No	Flat	31%	420 g/L	Standard & Custom
852-HA	Acrylic Silicone Copolymer	N/A	1-2.5	Ambient - 500°F	No	Yes, 400°F	Flat	31%	420 g/L	Standard & Custom
854-TC	Silicone	N/A	1-2.5	450°F - 1000°F	Yes	No	Flat	44%	420 g/L	Standard & Custom
854-HA	Silicone	N/A	1-2.5	450°F - 1000°F	Yes	Yes, 450°F	Flat	53%	420 g/L	Standard & Custom
865-LH	Silicone Copolymer	N/A	2-3	Ambient - 400°F	No	No	Gloss	52%	419 g/L	Standard & Custom
875-LH	Silicone Copolymer Brush & Roll	N/A	2-3	Ambient - 400°F	No	No	Gloss	52%	419 g/L	Standard & Custom
899	Modified Silicone Copolymer	N/A	6-8	350°F - 1000°F	Yes	Yes, 400°F	Flat	52%	398 g/L	Standard & Custom

# HiTemp (Continued)

## High Temperature Direct-To-Metal Coatings

Highland HiTemp DTM coatings provide the corrosion resistance of our HiTemp primers with the premium color purity of our HiTemp topcoats. These unique coatings make paint jobs quicker and easier by eliminating the need for multiple coats.

### Direct To Metal Coatings

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
74-HF	Hybrid Epoxy Novolac	4:1	4-16	Ambient - 450°F	No	Yes, 300°F	Semi-Gloss	70%	247 g/L	Standard & Custom
200-QD	Chain Stopped Alkyd	N/A	2-6	Ambient - 200°F	No	No	High-Gloss	47%	420 g/L	Standard & Custom
801-DTM	Silicone Alkyd	N/A	1-2	Ambient - 850°F	No	No	Flat	27%	632 g/L	Black
802	Modified Silicone	N/A	2-3	Ambient - 600°F	No	Yes, 400°F	Eggshell	51%	370 g/L	Light Gray
807	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	No	Flat	36%	419 g/L	Aluminum
808-HF	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	No	Flat	42%	419 g/L	Gray
809-DTM	Silicone Alkyd	N/A	1-2.5	Ambient - 1200°F	No	No	Flat	30%	420 g/L	Black
810-HF	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	No	Flat	42%	419 g/L	Black
811-DTM	Modified Silicone	N/A	2	Ambient - 1200°F	Yes	No	Flat	31.5%	420 g/L	Black, Gray, Aluminum
812-LH	Silicone Alkyd	N/A	3-5	Ambient - 600°F	No	No	Flat	51%	370 g/L	Black
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	Yes, 750°F	Flat	65%	408 g/L	Black, Gray, Aluminum
899	Modified Silicone Copolymer	N/A	6-8	350°F - 1000°F	Yes	Yes, 400°F	Flat	52%	398 g/L	Standard & Custom
1400-DTM	Silicone Ceramic	N/A	1-1.5	350°F - 1400°F	Yes	No	Flat	48%	398 g/L	Selected Range
1400-MIL	Silicone Ceramic	N/A	1-1.5	350°F - 1400°F	Yes	No	Flat	49%	420 g/L	Selected Range
1500-DTM	Silicone Ceramic	N/A	1-1.5	450°F - 1500°F	Yes	No	Flat	45%	420 g/L	Selected Range
SM1200	Modified Silicone	N/A	1.5-2	Ambient - 1200°F	No	No	Flat	23%	369 g/L	Black



# Spray-Safe

## Solvent Borne Dry Fall Coatings

Highland Spray-Safe coatings are the only solvent-borne dry fall coatings available on the market. When using our Spray-Safe coatings, all overspray is dry to a powder within 10-20 feet of the application site. Industrial performance and worry-free applications make these coatings truly unique.

### Primers

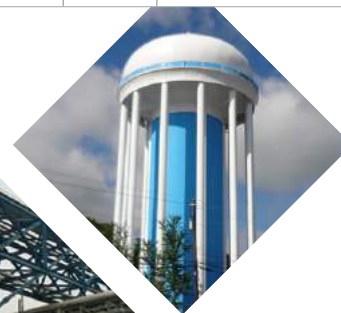
PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
45C	Modified Oil Based Acrylic	N/A	2-3	20 Min.	Very Good	N/A	Flat	42%	400 g/L	Gray
84-DF	Phenolic Modified Alkyd	N/A	2-3	1 Hr.	Very Good	N/A	Flat	61%	335 g/L	Off-White
325R-DF	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	340 g/L	Green-Gray
325R-CA	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	250 g/L	Green-Gray
335	Inorganic Zinc	2K	2-3.5	16 Hrs.	Excellent	N/A	Flat	65%	472 g/L	Green-Gray
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%	250g/L	Off-White

### Direct To Metal Coatings

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
485R	Polyamine Epoxy	9:2	2-3	1-2 Hrs.	Very Good	N/A	Flat	45%	335 g/L	Standard & Custom
485R-CA	Polyamine Epoxy	9:2	2-3	1-2 Hrs.	Very Good	N/A	Flat	45%	250g/L	Standard & Custom

### Topcoats

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
65R	Modified Acrylic	N/A	2-3	20 Min.	Good	Good	Gloss	35%	400 g/L	Standard & Custom
68R	Aliphatic Urethane	4:1	2-3	1 Hr.	Very Good	Excellent	HG / S	45%	340 g/L	Standard & Custom
68R-CA	Aliphatic Urethane	4:1	2-3	1 Hr.	Very Good	Excellent	HG / S	45%	250g/L	Standard & Custom





# HiTemp Dry Fall

## High Temperature Dry Fall Coatings

Highland HiTemp dry fall coatings combine the superior performance of our HiTemp coatings with the specialty application characteristics of our Spray-Safe coatings. As with our Spray-Safe line, when using these coatings all overspray is dry to a powder within 10-20 feet of the application site.

### Primers

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
15-ZN-DF	Silicone Copolymer Zinc	2K	2-3	250°F - 1000°F	Yes	No	Eggshell	41%	420 g/L	Yellow-Gray
335-DF	Inorganic Zinc	2K	2-3.5	Ambient - 750°F	No	No	Flat	65%	472 g/L	Green-Gray
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	No	Flat	65%	408 g/L	Black, Gray, Aluminum
830	Silicone Copolymer	N/A	2-3	Ambient - 400°F	No	No	Flat	43%	448g/L	Light Yellow

### Direct To Metal Coatings

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
807-DF	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	No	Flat	36%	419 g/L	Aluminum
810-DF	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	No	Flat	42%	419 g/L	Black
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	No	Flat	65%	408 g/L	Black, Gray, Aluminum
899	Modified Silicone Copolymer	N/A	6-8	350°F - 1000°F	Yes	No	Flat	52%	398 g/L	Standard & Custom

### Topcoats

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
805-DF	Modified Silicone Copolymer	N/A	2-3	250°F - 1000°F	Yes	No	Flat	45%	420 g/L	Standard & Custom
815-DF	Acrylic Silicone Copolymer	N/A	2-3	Ambient - 500°F	No	Yes, 400°F	Satin	47%	418 g/L	Standard & Custom
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	No	Flat	65%	408 g/L	Black, Gray, Aluminum
899	Modified Silicone Copolymer	N/A	6-8	350°F - 1000°F	Yes	No	Flat	52%	398 g/L	Standard & Custom



# Industrial Maintenance

## Durable Maintenance Coatings

Highland industrial maintenance coatings provide top of the line corrosion protection, durability, and aesthetics. These coatings were specifically formulated to be easy to apply and extremely surface tolerant.

### Primers

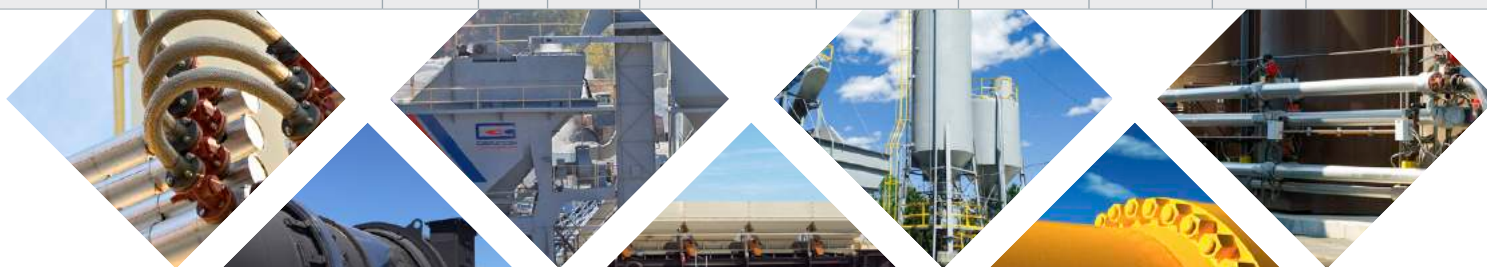
PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
49-LH	Phenolic Modified Acrylic	N/A	2-3	30 Min	Good	N/A	Flat	43%	419 g/L	Off-White
77-HF	Polyamide Adduct Epoxy	1:1	4-6	3 Hrs.	Very Good	N/A	Flat	55%	331 g/L	Gray
84-LH	Phenolic Modified Alkyd	N/A	2-3	1 Hr.	Very Good	N/A	Flat	61%	335 g/L	Off-White
90-PT	Modified Epoxy	2K	.5-1	2 Hrs.	Good	N/A	Flat	30%	398 g/L	Translucent Green
97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	N/A	Semi-Gloss	70%	250 g/L	Gray
325R	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	340 g/L	Green-Gray
325R-CA	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	250g/L	Green-Gray

### Direct-To-Metal Coatings

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	Fair	Semi-Gloss	70%	250 g/L	Standard & Custom
200-BR	Chain Stopped Alkyd	N/A	2-6	45 Min.	Good	Good	High-Gloss	47%	420g/L	Standard & Custom
200-QD	Chain Stopped Alkyd	N/A	2-6	45 Min.	Good	Good	High-Gloss	47%	420g/L	Standard & Custom

### Topcoats

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
36-HF	Aliphatic Acrylic Urethane	3:1	2-3	30 Min.	Very Good	Excellent	HG / SG / F	55%	400 g/L	Standard & Custom
37-LH	Acrylic Alkyd	N/A	2-3	30 Min.	Good	Very Good	High-Gloss	50%	419 g/L	Standard & Custom
150	Alkyd	N/A	2-2	3-4 Hrs.	Good	Very Good	Gloss	45%	335g/L	Standard & Custom





# OEM Coatings

## Coatings for Original Equipment Manufacturers

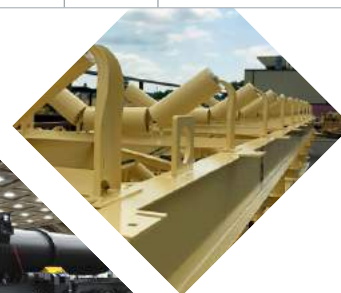
Highland OEM primers and topcoats were designed to meet the requirements of even the most demanding equipment manufacturer. These coatings provide premium aesthetics, quick dry times, long lasting performance and more.

### Primers

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
26-S	Modified Phenolic Alkyd		2-3	30 Min.	Good	N/A	Flat	48%	419 g/L	White
35-S	Modified Phenolic Alkyd	N/A	2-3	1-2 Hrs.	Good	N/A	Flat	48%	419 g/L	Off-White
49-LH	Phenolic Modified Acrylic	N/A	2-3	30 Min.	Good	N/A	Flat	43%	419g/L	Off-White
84-LH	Phenolic Modified Alkyd	N/A	2-3	1 Hr.	Very Good	N/A	Flat	61%	335 g/L	Off-White
74-HF	Hybrid Epoxy Novolac	4:1	4-16	3-4 Hrs.	Excellent	N/A	Semi-Gloss	70%	247 g/L	Yellow, Green, Gray
77-HF	Polyamide Adduct Epoxy	1:1	4-6	3 Hrs.	Very Good	N/A	Flat	55%	331 g/L	Gray
77-SP	Polyamide Epoxy	1:1	2-6	30 Min.	Excellent	N/A	Semi-Gloss	52%	385 g/L	Gray
90-PT	Modified Epoxy	2K	.5-1	2 Hrs.	Good	N/A	Flat	30%	398 g/L	Translucent Green
97-HF	Polyamine Epoxy Mastic	1:1	4-8	2-4 Hrs.	Very Good	N/A	Semi-Gloss	70%	250 g/L	Gray
325R	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	340 g/L	Green-Gray
325R-CA	Zinc Rich Epoxy	9:2	3-4	2-3 Hrs.	Excellent	N/A	Flat	50%	250 g/L	Green-Gray
335	Inorganic Zinc	2K	2-3.5	16 Hrs.	Excellent	N/A	Flat	65%	472 g/L	Green-Gray

### Topcoats

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	DRY TIME	CORROSION RESISTANCE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
64	Copolymer Urethane	3:1	2-3	30 Min.	Excellent	Excellent	High-Gloss	55%	373 g/L	Standard & Custom
66-LH	Polyester Acrylic Urethane	1:1	4-6	30 Min.	Excellent	Excellent	High-Gloss	50%	350 g/L	Standard & Custom
37-LH	Acrylic Alkyd	N/A	2-3	30 Min.	Good	Very Good	High-Gloss	50%	419 g/L	Standard & Custom
150	Alkyd	N/A	2-2	3-4 Hrs.	Good	Very Good	Gloss	45%	335g/L	Standard & Custom





# HiTemp OEM Coatings

## High Temperature Coatings for OEMs

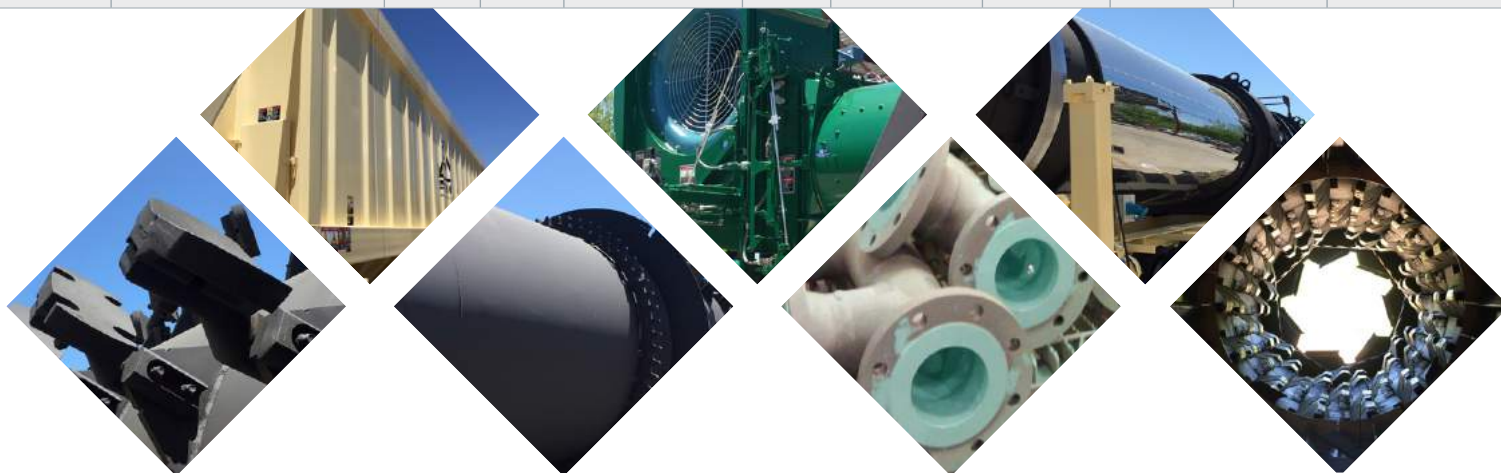
Highland HiTemp OEM primers and topcoats provide the same color stability and top of the line heat and corrosion resistance as our HiTemp line in quick-dry formulas. These coatings allow for premium finishes often with no heat cure requirements.

### Primers

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
74-HF	Hybrid Epoxy Novolac	4:1	4-16	Ambient - 450°F	No	N/A	Semi-Gloss	70%	247 g/L	Yellow, Green, Gray
79-LH	Polyamide Adduct Epoxy	1:1	3-5	Ambient - 300°F	No	N/A	Flat	56%	368 g/L	Yellow-Gray
802	Modified Silicone	N/A	2-3	Ambient - 600°F	No	N/A	Eggshell	51%	370 g/L	Light Gray
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	N/A	Flat	65%	408 g/L	Black, Gray, Aluminum
850-PR	Silicone Alkyd	N/A	1-2	Ambient - 400°F	No	N/A	No	42%	486 g/L	Black, Gray, Aluminum
860-HF	Silicone Copolymer	N/A	2-3	Ambient - 400°F	No	N/A	Flat	50%	392g/L	Light Yellow, Gray

### Topcoats

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
815	Acrylic Silicone Copolymer	N/A	2-3	Ambient - 500°F	No	Good	Satin	47%	418 g/L	Standard & Custom
850-TC	Silicone Alkyd	N/A	1-2	Ambient - 400°F	No	Very Good	Gloss	46%	410 g/L	Standard & Custom
852-TC	Acrylic Silicone Copolymer	N/A	1-2.5	Ambient - 500°F	No	Good	Flat	31%	420 g/L	Standard & Custom
852-HA	Acrylic Silicone Copolymer	N/A	1-2.5	Ambient - 500°F	No	Good	Flat	31%	420 g/L	Standard & Custom
854-TC	Silicone	N/A	1-2.5	450°F - 1000°F	Yes	Good	Flat	44%	420 g/L	Standard & Custom
865-LH	Silicone Copolymer	N/A	2-3	Ambient - 400°F	No	Very Good	Gloss	52%	419 g/L	Standard & Custom
899	Modified Silicone Copolymer	N/A	6-8	350°F - 1000°F	Yes	Good	Flat	52%	398 g/L	Standard & Custom





# HiTemp OEM Coatings (Continued)

## High Temperature Coatings for OEMs

Highland HiTemp direct-to-metal coatings for OEMs provide the superior color stability and top of the line heat and corrosion resistance in a single coat. Like our HiTemp OEM primer/topcoat systems, these DTM coatings allow for premium finishes often with no heat cure requirements.

### Direct To Metal Coatings

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	UV RESIS-TANCE	FINISH	VOLUME SOLIDS	VOC	COLOR
74-HF	Hybrid Epoxy Novolac	4:1	4-16	Ambient - 450°F	No	Fair	Semi-Gloss	70%	247 g/L	Standard & Custom
200-QD	Chain Stopped Alkyd	N/A	2-6	Ambient - 200°F	No	Good	High-Gloss	47%	420 g/L	Standard & Custom
801-DTM	Silicone Alkyd	N/A	1-2	Ambient - 850°F	No	Good	Flat	27%	632 g/L	Black
802	Modified Silicone	N/A	2-3	Ambient - 600°F	No	Good	Eggshell	51%	370 g/L	Light Gray
807	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	Good	Flat	36%	419 g/L	Aluminum
808-HF	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	Good	Flat	42%	419 g/L	Gray
809-DTM	Silicone Alkyd	N/A	1-2.5	Ambient - 1200°F	No	Good	Flat	30%	420 g/L	Black
810-HF	Silicone Copolymer	N/A	3-5	250°F - 1200°F	Yes	Good	Flat	42%	419 g/L	Black
811-DTM	Modified Silicone	N/A	2	Ambient - 1200°F	Yes	Good	Flat	31.5%	420 g/L	Black, Gray, Aluminum
812-LH	Silicone Alkyd	N/A	3-5	Ambient - 600°F	No	Good	Flat	51%	370 g/L	Black
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	Good	Flat	65%	408 g/L	Black, Gray, Aluminum
899	Modified Silicone Copolymer	N/A	6-8	350°F - 1000°F	Yes	Good	Flat	52%	398 g/L	Standard & Custom
1400-DTM	Silicone Ceramic	N/A	1-1.5	350°F - 1400°F	Yes	Good	Flat	48%	398 g/L	Selected Range
1400-MIL	Silicone Ceramic	N/A	1-1.5	350°F - 1400°F	Yes	Good	Flat	49%	420 g/L	Selected Range
1500-DTM	Silicone Ceramic	N/A	1-1.5	450°F - 1400°F	Yes	Good	Flat	45%	420 g/L	Selected Range
SM1200	Modified Silicone	N/A	1.5-2	Ambient - 1200°F	No	No	Flat	23%	369 g/L	Black



# ChemTemp

## Heat & Chemical Resistant Liners & DTMs

Highland ChemTemp coatings feature both heat and chemical resistance. These coatings provide long-lasting corrosion resistance and service life, even in extremely harsh service environments. They are easier to apply than competitor coatings, and last longer.

### Liners & Direct To Metal Coatings

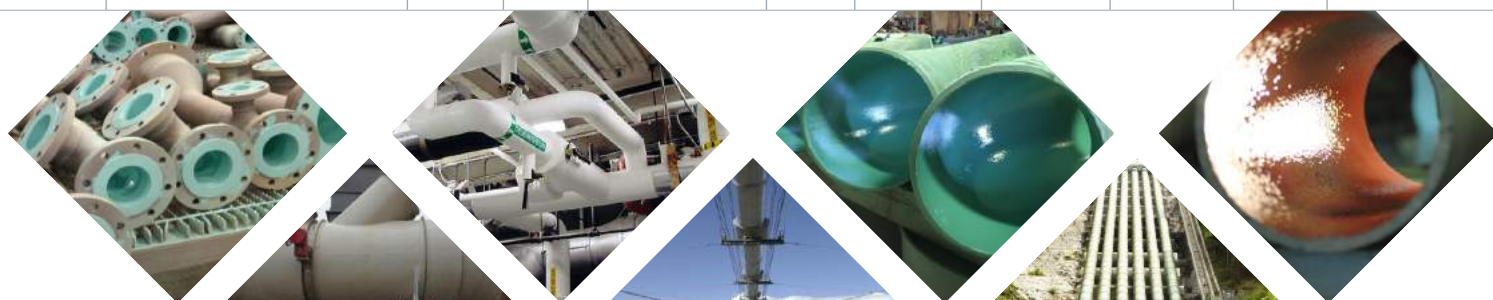
PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	RECOAT	APPLICA-TION TYPE	TEMP RANGE	FINISH	VOLUME SOLIDS	VOC	COLOR
70-AR	Modified Epoxy	4:1	6-16	3-36 Hrs.	Standard	Dry Heat: 250°F Immersion: 212°F	Semi-Gloss	80%	170 g/L	Off-White, Gray
70-HF	Modified Epoxy	4:1	6-16	3-36 Hrs.	Standard	Dry Heat: 250°F Immersion: 212°F	Semi-Gloss	80%	170 g/L	Off-White, Gray
70-IS	Modified Epoxy	4:1	10-16	4 Hrs.	In-Situ	Dry Heat: 250°F Immersion: 212°F	Semi-Gloss	80%	170 g/L	Off-White, Gray
74-AR	Hybrid Epoxy Novolac	4:1	6-16	3-36 Hrs.	Standard	Dry Heat: 450°F Immersion: 300°F	Semi-Gloss	70%	247 g/L	Yellow, Green, Gray
74-HF	Hybrid Epoxy Novolac	4:1	6-16	3-36 Hrs.	Standard	Dry Heat: 450°F Immersion: 300°F	Semi-Gloss	70%	247 g/L	Yellow, Green, Gray
74-IS	Hybrid Epoxy Novolac	1:1	10-16	4-26 Hrs.	In-Situ	Dry Heat: 350°F Immersion: 250°F	Semi-Gloss	74%	202 g/L	Oxide Red
74-NS	Hybrid Epoxy Novolac	4:1	4-8	N/A	Standard	Dry Heat: 450°F Immersion: 300°F	Semi-Gloss	70%	247 g/L	Standard & Custom

## CUI Coatings

### Prevention of Corrosion Under Insulation

Highland CUI Coatings utilize a combination of high build barrier properties and extremely dense cross linking to isolate the substrate from moisture and corrosion. These coatings meet all of the requirements of NACE SP0198 (CS-3, CS-4, CS-5, CS-6, SS-2, SS-3, SS-4, SS-5).

PRODUCT	VEHICLE TYPE	MIX RATIO	DFT	TEMP RANGE	HEAT CURE	HOT APP	FINISH	VOLUME SOLIDS	VOC	COLOR
70-HF	Modified Epoxy	4:1	6-16	Ambient - 212°F	No	No	Semi-Gloss	80%	170 g/L	Off-White, Gray
74-HF	Hybrid Epoxy Novolac	4:1	4-16	Ambient - 450°F	No	Yes, 300°F	Semi-Gloss	70%	247 g/L	Yellow, Green, Gray
350-INS	Composite Ceramic Insulation	N/A	40-200	Ambient - 350°F	No	No	Flat	65%	25 g/L	White & Gray
827-HB	Inert Multipolymeric Matrix	N/A	4-16	-300°F - 1200°F	No	Yes, 750°F	Flat	65%	408 g/L	Black, Gray



# Reducers & Additives

## For Highland HiTemp Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
34-ALH-100	Additive	High Solids Urethane Modifier	37-LH, 150, 200-QD, 865-LH, 875-LH
100	Reducer	Warm Weather (Above 80°F+) Reducer	All Highland HiTemp Products
101A	Reducer	Hot Application Reducer	74-HF, 802, 815, 899
105	Reducer	Brush & Roll Reducer	Most Spray Applied Products
120	Reducer	Cold Weather (Below 80°F) Reducer	All Highland HiTemp Products
827-HA	Reducer	Hot Application Reducer	827-HB
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products

## For Highland Spray-Safe Dry Fall Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
30-E	Reducer	Warm Weather (Above 80°F+) Reducer	All Highland Spray-Safe Dry Fall Products
32-E	Reducer	Cold Weather (Below 80°F) Reducer	All Highland Spray-Safe Dry Fall Products
36-E	Reducer	Blending Reducer	65R, 68R, 68R-CA, 485R, 485R-CA
105	Reducer	Brush & Roll Reducer	Most Spray Applied Products
475R-AC	Additive	Accelerator	475R, 485R
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products

## For Highland OEM & HiTemp OEM Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
34-ALH-100	Additive	High Solids Urethane Modifier	37-LH, 150, 200-QD, 865-LH, 875-LH
49-Reducer	Reducer	Slow Evaporating Reducer	All Highland OEM & HiTemp OEM Products
64-Reducer	Reducer	Extra-Slow Evaporating Reducer	All Highland OEM & HiTemp OEM Products
100	Reducer	Slow Evaporating Reducer	All Highland HiTemp OEM Products
105	Reducer	Brush & Roll Reducer	Most Spray Applied Products
120	Reducer	Medium Evaporating Reducer	All Highland HiTemp OEM Products
190	Reducer	Retarder	61, 64, 66-LH
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products



# Reducers & Additives (Continued)

## For Highland Industrial Maintenance Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
34-ALH-100	Additive	High Solids Urethane Modifier	37-LH, 150, 200-QD
105	Reducer	Brush & Roll Reducer	Most Spray Applied Products
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products

## For Highland HiTemp Dry Fall Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
30-E	Reducer	Warm Weather (Above 80°F+) Reducer	All Highland HiTemp Dry Fall Products
32-E	Reducer	Cold Weather (Below 80°F) Reducer	All Highland HiTemp Dry Fall Products
36-E	Reducer	Blending Reducer	805-DF, 815-DF, 899
105	Reducer	Brush & Roll Reducer	Most Spray Applied Products
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products

## For Highland ChemTemp Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
74-AC	Additive	Accelerator	74-AR, 74-HF, 74-NS
740F	Reducer	Fast Evaporating Reducer	All Highland ChemTemp Products
740M	Reducer	Medium Evaporating Reducer	All Highland ChemTemp Products
740S	Reducer	Slow Evaporating Reducer	All Highland ChemTemp Products
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products

## For Highland CUI Coatings

PRODUCT	CATEGORY	DESCRIPTION	COMPATIBLE COATINGS
74-AC	Additive	Accelerator	74-AR, 74-HF
101A	Reducer	Hot Application Reducer	74-HF
740F	Reducer	Fast Evaporating Reducer	70-HF, 74-HF
740M	Reducer	Medium Evaporating Reducer	70-HF, 74-HF
740S	Reducer	Slow Evaporating Reducer	70-HF, 74-HF
827-HA	Reducer	Hot Application Reducer	827-HB
901	Cleaning Solvent	Universal Cleaning Solvent	All Highland Products

# Experience the Highland Advantage

Why do we have unbeatable product performance?

Extensive Research & Development

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