

Roof Product List

List Current as of October 1, 2006

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
AEP-SPAN	AEP-Span	Cap, High, Snap, Span Seam - Bare Metal	Metal	0.78	0.58	Y	Y	20
AEP-SPAN	AEP-Span	Flush Panel - Bare Metal	Metal	0.78	0.58	Y	Y	20
AEP-SPAN	AEP-Span	Span Lok - Bare Metal	Metal	0.78	0.58	Y	Y	20
ALDO Products Company, Inc.	AldoCoat	AldoCoat 374 White	Coating	0.84	0.705	Y	Y	10
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Aztek HAZ & Verona HVR Tile Panels	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Castletop Shingle HCT	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Monarch Batten Seam MRB	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Monarch MRD, MRK, MRS Standing Seam	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	PC Panel Standing Seam	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Permashake HPS	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Rumba Shake Bermuda Panel HBS	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Standing Seam Shingle HSS	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Ascot White, ATAS #10	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.6	0.6	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Aztek HAZ & Verona HVR Tile Panels	Metal	0.55	0.55	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Castletop Shingle HCT	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Monarch Batten Seam MRB	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Monarch MRD, MRK, MRS Standing Seam	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	PC Panel Standing Seam	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Permashake HPS	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Rumba Shake Bermuda Panel HBS	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Standing Seam Shingle HSS	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Concord Cream, ATAS #05	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.55	0.55	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Aztek HAZ & Verona HVR Tile Panels	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Castletop Shingle HCT	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Monarch Batten Seam MRB	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Monarch MRD, MRK, MRS Standing Seam	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	PC Panel Standing Seam	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Permashake HPS	Metal	0.31	0.31	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Rumba Shake Bermuda Panel HBS	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Standing Seam Shingle HSS	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Dove Grey, ATAS #13	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Aztek HAZ & Verona HVR Tile Panels	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Castletop Shingle HCT	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Monarch Batten Seam MRB	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Monarch MRD, MRK, MRS Standing Seam	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	PC Panel Standing Seam	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Permashake HPS	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Rumba Shake Bermuda Panel HBS	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Standing Seam Shingle HSS	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mint Green, ATAS #22	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.29	0.29	N	Y	20
ATAS International, Inc.	ATAS Mission Red, ATAS #608	ADVANTA Shingle HAS	Metal	0.32	0.32	N	Y	50
ATAS International, Inc.	ATAS Mission Red, ATAS #608	Permashake HPS	Metal	0.32	0.32	N	Y	50
ATAS International, Inc.	ATAS Mission Red, ATAS #608	Standing Seam Shingle HSS	Metal	0.32	0.32	N	Y	50

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Aztek HAZ & Verona HVR Tile Panels	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Castletop Shingle HCT	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Monarch Batten Seam MRB	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Monarch MRD, MRK, MRS Standing Seam	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	PC Panel Standing Seam	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Permashake HPS	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Rumba Shake Bermuda Panel HBS	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Standing Seam Shingle HSS	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Rawhide, ATAS #15	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.43	0.43	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Aztek HAZ & Verona HVR Tile Panels	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Castletop Shingle HCT	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Monarch Batten Seam MRB	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Monarch MRD, MRK, MRS Standing Seam	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	PC Panel Standing Seam	Metal	0.46	0.46	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Permashake HPS	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Rumba Shake Bermuda Panel HBS	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Standing Seam Shingle HSS	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Sandstone, ATAS #06	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.46	0.46	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Aztek HAZ & Verona HVR Tile Panels	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Castletop Shingle HCT	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Monarch Batten Seam MRB	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Monarch MRD, MRK, MRS Standing Seam	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	PC Panel Standing Seam	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Permashake HPS	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Rumba Shake Bermuda Panel HBS	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Standing Seam Shingle HSS	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Siam Blue, ATAS #14	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.31	0.31	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Aztek HAZ & Verona HVR Tile Panels	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Castletop Shingle HCT	Metal	0.47	0.47	N	Y	20

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ATAS International, Inc.	ATAS Silversmith, ATAS #28	Field-Lok Series FLL, FLM, FLN, FLS Standing Seam	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Monarch Batten Seam MRB	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Monarch MRD, MRK, MRS Standing Seam	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	PC Panel Standing Seam	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Permashake HPS	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Rumba Shake Bermudda Panel HBS	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Standing Seam Shingle HSS	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	ATAS Silversmith, ATAS #28	Techo Tile SCT & Scanroof SCP Tile Panels	Metal	0.47	0.47	N	Y	20
ATAS International, Inc.	Bermuda Panel/Rumba Shake	HBS Bermuda Style	Metal	0.68	0.57	Y	Y	20
ATAS International, Inc.	Field-Lok Panels	FLL, FLM, FLN, FLS Standing Seam	Metal	0.68	0.57	Y	Y	20
ATAS International, Inc.	Monarch Batten Seam	MRB Batten Seam	Metal	0.68	0.57	Y	Y	20
ATAS International, Inc.	Monarch Panels	MRD, MRK, MRS Standing Seam	Metal	0.68	0.57	Y	Y	20
Ace Coating Company Incorporated	Alpha 8	Roof Coating	Coating	0.73	0.66	Y	N	10
Acry-Tech Coatings, Inc.	Acry-Tech	Super Roof Seal	Coating	0.77	0.66	Y	Y	5 - 10
AcryLabs	AcryLabs	2100	Coating	0.864	0.744	Y	Y	10
Acrymax Technologies, Inc.	Acrymax	AF-130	Coating	0.85	0.75	Y	Y	5 - 10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Flex	Coating	0.89	0.85	Y	Y	10

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Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Flex: Urethane	Coating	0.88	0.84	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Flex: Ceramic	Coating	0.88	0.84	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Flex: Hydro	Coating	0.91	0.87	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Flex: Sub Zero	Coating	0.9	0.83	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Kool	Coating	0.88	0.82	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Shield	Coating	0.88	0.84	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Shield: Ceramic	Coating	0.89	0.82	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Shield: F.R.C.	Coating	0.86	0.82	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Shield: Sub Zero	Coating	0.88	0.84	Y	Y	10
Advanced Coating Systems, Inc.	Energy Seal Coatings	Acu-Shield: Urethane	Coating	0.88	0.84	Y	Y	10
Akzo Nobel Coatings	CERAM-A-STAR 900	SL3X32940 Harbor Blue	Coating	0.32	0.32	N	Y	25
Akzo Nobel Coatings	CERAM-A-STAR 900	SW3X24009	Coating	0.55	0.46	N	Y	20
Akzo Nobel Coatings	CERAM-A-STAR 940	SR3P24003 Crimson Red	Coating	0.39	0.39	N	Y	25
Akzo Nobel Coatings	CERAM-A-STAR 940	SR5P24847 Red	Coating	0.31	0.31	N	Y	20
Akzo Nobel Coatings	CERAM-A-STAR 950	828-30W018-214 Light Gray	Coating	0.27	0.28	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	828-30W018-98 White	Coating	0.62	0.51	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	828-35A018-116 Light Blue	Coating	0.26	0.26	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	828-35D018-221A Sandstone	Metal	0.57	0.45	N	Y	30

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Akzo Nobel Coatings	CERAM-A-STAR 950	828-35G018-23 Light Green	Coating	0.44	0.46	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	828-35R018-29 Red	Coating	0.3	0.3	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	828-35W018-219A Shasta White	Metal	0.67	0.58	Y	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	828-75W018-220A Classic White	Coating	0.66	0.54	Y	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SA3G23796 Ash Gray	Coating	0.39	0.38	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SA3G24195 Old Town Gray	Coating	0.27	0.28	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SD3G23791 Sand Gold	Coating	0.53	0.52	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SG3G23794 Colony Green	Coating	0.34	0.34	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SG3G24471 Aspen Green	Coating	0.3	0.3	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SG3G24638 Patina Green	Coating	0.27	0.27	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SG3G32684 Marine Green	Coating	0.38	0.38	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SH3G23793 Light Stone	Coating	0.52	0.51	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SL3G24499 Dresden Blue	Coating	0.25	0.23	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SR3G23792 Rustic Red	Coating	0.3	0.3	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	ST3G23790 Sahara Tan	Coating	0.36	0.36	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	ST3G23798 Desert Beige	Coating	0.32	0.32	N	Y	30
Akzo Nobel Coatings	CERAM-A-STAR 950	SW3G23789 Polar White	Coating	0.57	0.54	N	Y	30

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Akzo Nobel Coatings	Polyester	PW3R14238 White	Coating	0.56	0.51	N	Y	10
Akzo Nobel Coatings	TRINAR	KA3R16482 Silver	Coating	0.29	0.3	N	Y	30
Akzo Nobel Coatings	TRINAR	KA3R23092 Ash Gray	Coating	0.38	0.38	N	Y	35
Akzo Nobel Coatings	TRINAR	KD3R23115 Aztec Gold	Coating	0.46	0.46	N	Y	35
Akzo Nobel Coatings	TRINAR	KH3R24309 Ivory	Coating	0.54	0.49	N	Y	30
Akzo Nobel Coatings	TRINAR	KR0R29171	Coating	0.32	0.32	N	Y	30
Akzo Nobel Coatings	TRINAR	KT3R19238 Sahara Tan	Coating	0.43	0.42	N	Y	35
Akzo Nobel Coatings	TRINAR	KT3R25385 Surfsand	Coating	0.33	0.34	N	Y	35
Akzo Nobel Coatings	TRINAR	KW3R17374 Bone White	Coating	0.7	0.69	Y	Y	35
Akzo Nobel Coatings	TRINAR	KW3R18399 Morton White	Coating	0.56	0.52	N	Y	30
Akzo Nobel Coatings	TRINAR	KW3R19235 Polar White	Coating	0.59	0.57	N	Y	35
Akzo Nobel Coatings	TRINAR	KW3R31524 Morton White	Coating	0.55	0.53	N	Y	30
American Chemical Technologies Corp.	TRI-Coat	TRI-Coat	Coating	0.78	0.78	Y	N	
American Hydrotech Inc	Hydroguard	RE	Modified Bitumen	0.84	0.65	Y	N	5 - 20
American Hydrotech Inc	Hydroguard	RE	Tile	0.84	0.65	Y	N	5 - 20
American Rooftile Coatings	Rooftile Paint - ARC	Terra Cotta M-3308	Coating	0.36	0.23	N	Y	10
American Weatherstar	Weatherstar Coatings	Acrylic 210	Coating	0.89	0.82	Y	Y	10

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American Weatherstar	Weatherstar Coatings	Acrylic 211	Coating	0.78	0.6	Y	Y	5-15
American Weatherstar	Weatherstar Coatings	Ceramic Acrylic 212	Coating	0.88	0.84	Y	Y	10
Andek Corporation	Andek	Polaroof AC	Coating	0.83	0.55	Y	Y	10
Andek Corporation	Andek	Polaroof NW	Coating	0.81	0.52	Y	Y	10
BASF Corporation	BASF	ARC 60	Coating	0.84	0.67	Y	Y	10
BASF Corporation	Dow Corning	3-5000 White	Coating	0.82	0.77	Y	Y	10
BASF Corporation	Fluoroceram	815G105 Hemlock Green	Coating	0.29	0.31	N	Y	35
BASF Corporation	Fluoroceram	815G34 Patina Green	Coating	0.32	0.3418	N	Y	35
BASF Corporation	Fluoroceram	815R1 Terra Cotta	Coating	0.31	0.324	N	Y	35
BASF Corporation	Fluoroceram	815W32 Shasta White	Coating	0.54	0.5401	N	Y	35
BASF Corporation	Fluoroceram	815W42 Parchment	Coating	0.46	0.4936	N	Y	35
BASF Corporation	Fluoroceram	815W49 Natural White	Coating	0.772	0.7422	N	Y	35
BASF Corporation	Fluoroceram	818A7 Lead Cote	Coating	0.29	0.315	N	Y	35
BASF Corporation	Fluoroceram	818A94 Preweather Galvalume	Coating	0.2589	0.2601	N	Y	30
BASF Corporation	Fluoroceram	818R68	Coating	0.4	0.4415	N	Y	35
BASF Corporation	Fluoroceram	818T7 Champagne	Coating	0.35	0.3923	N	Y	35
BASF Corporation	Fluoroceram	836W29	Coating	0.63	0.61	N	Y	30
BASF Corporation	Fluoroceram	Almond 815V45	Coating	0.51	0.52	N	Y	35
BASF Corporation	Fluoroceram	Almond 815V45	Coating	0.51	0.52	N	Y	35
BASF Corporation	Fluoroceram	Ash Gray	Coating	0.36	0.35	N	Y	35
BASF Corporation	Fluoroceram	Ashtray 815D476	Coating	0.36	0.35	N	Y	35
BASF Corporation	Fluoroceram	Bone 815W178	Coating	0.67	0.67	N	Y	35
BASF Corporation	Fluoroceram	Bone 815W178	Coating	0.67	0.67	N	Y	30
BASF Corporation	Fluoroceram	Copper 818R8	Coating	0.42	0.39	N	Y	35
BASF Corporation	Fluoroceram	Copper 818R8	Coating	0.42	0.39	N	Y	35
BASF Corporation	Fluoroceram	Gray 815D224	Coating	0.28	0.28	N	Y	35
BASF Corporation	Fluoroceram	Gray 815D224	Coating	0.28	0.28	N	Y	30
BASF Corporation	Fluoroceram	Gray 815D225	Coating	0.34	0.35	N	Y	35
BASF Corporation	Fluoroceram	Gray 815D225	Coating	0.34	0.35	N	Y	35
BASF Corporation	Fluoroceram	Green 815G282	Coating	0.39	0.39	N	Y	35
BASF Corporation	Fluoroceram	Green 815G282	Coating	0.39	0.39	N	Y	35

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BASF Corporation	Fluoroceram	Green 815G774	Coating	0.28	0.25	N	Y	35
BASF Corporation	Fluoroceram	Green 815G774	Coating	0.28	0.25	N	Y	35
BASF Corporation	Fluoroceram	Marine Green 815G136	Coating	0.32	0.31	N	Y	35
BASF Corporation	Fluoroceram	Marine Green 815G136	Coating	0.32	0.31	N	Y	35
BASF Corporation	Fluoroceram	Parchment 815T116	Coating	0.35	0.37	N	Y	35
BASF Corporation	Fluoroceram	Parchment 815T116	Coating	0.35	0.37	N	Y	35
BASF Corporation	Fluoroceram	Red 815R130	Coating	0.33	0.33	N	Y	35
BASF Corporation	Fluoroceram	Red 815R130	Coating	0.33	0.33	N	Y	35
BASF Corporation	Fluoroceram	Red 815R153	Coating	0.42	0.4	N	Y	35
BASF Corporation	Fluoroceram	Red 815R153	Coating	0.42	0.4	N	Y	35
BASF Corporation	Fluoroceram	Sand 815T940	Coating	0.43	0.43	N	Y	35
BASF Corporation	Fluoroceram	Sand 815T940	Coating	0.43	0.43	N	Y	35
BASF Corporation	Fluoroceram	Silver 818A11	Coating	0.45	0.47	N	Y	35
BASF Corporation	Fluoroceram	Silver 818A11	Coating	0.45	0.47	N	Y	30
BASF Corporation	Fluoroceram	Tan 815T702	Coating	0.35	0.34	N	Y	35
BASF Corporation	Fluoroceram	Tan 815T702	Coating	0.35	0.34	N	Y	35
BASF Corporation	Fluoroceram	Terra Cotta 815R195	Coating	0.32	0.34	N	Y	35
BASF Corporation	Fluoroceram	Terracotta 815R195	Coating	0.32	0.34	N	Y	35
BaySystems North America, LLC	EverSil	ES580	Coating	0.74	0.71	Y	Y	10
BaySystems North America, LLC	Evercoat	EC 700	Coating	0.81	0.64	Y	N	10
BaySystems North America, LLC	Evercoat	EC500	Coating	0.86	0.62	Y	N	10
BaySystems North America, LLC	Evercoat	EC5400	Coating	0.86	0.66	Y	N	10
Behlen Manufacturing Company	Behlen	Fastened (Screw Down) Standing Seam Architectural	Metal	0.69	0.57	Y	Y	20
Belzona, Inc.	Belzona	3111 (Flexible Membrane)	Coating	0.763	0.754	Y	Y	10-20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Berridge Manufacturing Company	Berridge	"M" & "R" Panel Corrugated Panel	Metal	0.78	0.58	N	Y	20
Berridge Manufacturing Company	Berridge	815G105 Hemlock Green	Coating	0.29	0.313	N	Y	20
Berridge Manufacturing Company	Berridge	815G34 Patina Green	Coating	0.32	0.3418	N	Y	20
Berridge Manufacturing Company	Berridge	815R1 Terra Cotta	Coating	0.31	0.3241	N	Y	20
Berridge Manufacturing Company	Berridge	815R153 Deep Red	Coating	0.42	0.4	N	Y	20
Berridge Manufacturing Company	Berridge	815T702 Sierra Tan	Coating	0.35	0.34	N	Y	20
Berridge Manufacturing Company	Berridge	815W32 Shasta White	Coating	0.54	0.5401	N	Y	20
Berridge Manufacturing Company	Berridge	815W42 Parchment	Coating	0.46	0.4936	N	Y	20
Berridge Manufacturing Company	Berridge	815W49 Natural White	Coating	0.772	0.7422	N	Y	20
Berridge Manufacturing Company	Berridge	818A7 Lead Cote	Coating	0.29	0.315	N	Y	20
Berridge Manufacturing Company	Berridge	818A94 Preweathered Galvalume	Coating	0.2589	0.2601	N	Y	20
Berridge Manufacturing Company	Berridge	818R68 Copper Cote	Coating	0.4	0.442	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Berridge Manufacturing Company	Berridge	818T7 Champagne	Coating	0.35	0.3923	N	Y	20
Berridge Manufacturing Company	Berridge	Cee-Lock Standing Seam	Metal	0.78	0.58	N	Y	20
Berridge Manufacturing Company	Berridge	Classic & Victorian Shingles	Metal	0.78	0.58	N	Y	20
Berridge Manufacturing Company	Berridge	Curved Tee-Panel Standing Seam	Metal	0.78	0.58	N	Y	20
Berridge Manufacturing Company	Berridge	S-Deck Corrugated Panel	Metal	0.78	0.58	N	Y	20
Berridge Manufacturing Company	Berridge	Tee-Panel Standing Seam	Metal	0.78	0.58	N	Y	20
Berridge Manufacturing Company	Berridge	Zee-Lock Standing Seam	Metal	0.78	0.58	N	Y	20
BondCote Corporation	Bond Cote Roofing Systems	350 Series	Single-Ply	0.79	0.73	Y	N	15
BondCote Corporation	Bond Cote Roofing Systems	400 E Plus	Single-Ply	0.79	0.73	Y	N	15
BondCote Corporation	Bond Cote Roofing Systems	400 Series	Single-Ply	0.79	0.73	Y	N	15
BondCote Corporation	Bond Cote Roofing Systems	450 Series	Single-Ply	0.79	0.73	Y	N	15
BondCote Corporation	Bond Cote Roofing Systems	500 E Plus	Single-Ply	0.79	0.73	Y	N	15 - 20
BondCote Corporation	Bond Cote Roofing Systems	500 Series	Single-Ply	0.79	0.73	Y	N	15
BondCote Corporation	Bond Cote Roofing Systems	600 E Plus	Single-Ply	0.79	0.73	Y	N	15 - 20
BondCote Corporation	Bond Cote Roofing Systems	800 E Plus	Single-Ply	0.79	0.73	Y	N	15 - 20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Burkeline Roofing Systems	Burkeline	M-358	Single-Ply	0.818	0.77	Y	N	15
CENTRIA	CENTRIA	2.67 Corrugated	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	7.2 Rib	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	ADP 100 Series	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	BR5-36	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	CR56 1/2"	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	Econolap 3/4"	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	MR3-36	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	R Panel	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	SDP 175	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	SDP 200 Series	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	SDP 300	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	SRS 2	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	SRS 3	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	Shallow Rib	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	Style-Rib	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	Super-Rib	Metal	0.68	0.57	Y	N	20
CENTRIA	CENTRIA	TR4-36	Metal	0.68	0.57	Y	N	20
CENTRIA	Econolap 3/4, Econolap 1/2	Aged Copper #5444	Metal	0.38	0.38	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Bone White #310	Metal	0.73	0.71	Y	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Chromium Gray #971	Metal	0.44	0.44	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Colonial/Tile Red #156	Metal	0.27	0.23	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Crown/Regal White #179	Metal	0.68	0.68	Y	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Lee Ivory #992	Metal	0.62	0.62	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Light Gray #9917	Metal	0.54	0.54	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Limestone #1760	Metal	0.61	0.61	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Off White #992	Metal	0.68	0.67	Y	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Platinum #9989	Metal	0.41	0.42	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Sandstone #133	Metal	0.54	0.55	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Silversmith #9946	Metal	0.54	0.54	N	Y	20
CENTRIA	Econolap 3/4, Econolap 1/2	Surrey Beige #142	Metal	0.4	0.41	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Aged Copper #5444	Metal	0.38	0.38	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Bone White #310	Metal	0.73	0.71	Y	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Chromium Gray #971	Metal	0.44	0.44	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Colonial/Tile Red #156	Metal	0.27	0.23	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Crown/Regal White #179	Metal	0.68	0.68	Y	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Lee Ivory #992	Metal	0.62	0.62	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Light Gray #9917	Metal	0.54	0.54	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Limestone #1760	Metal	0.61	0.61	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Off White #993	Metal	0.68	0.67	Y	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Platinum #9989	Metal	0.41	0.42	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Sandstone #133	Metal	0.54	0.55	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Silversmith #9946	Metal	0.54	0.54	N	Y	20
CENTRIA	RollCOM SDP Series, ADP Series, R-Panel	Surrey Beige #142	Metal	0.4	0.41	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Aged Copper #5444	Metal	0.38	0.38	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Bone White #310	Metal	0.73	0.71	Y	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Chromium Gray #971	Metal	0.44	0.44	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Colonial/Tile Red #156	Metal	0.27	0.23	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Crown/Regal White #179	Metal	0.68	0.68	Y	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Lee Ivory #992	Metal	0.62	0.62	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Light Gray #9917	Metal	0.54	0.54	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Limestone #1760	Metal	0.61	0.61	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Off White #993	Metal	0.68	0.67	Y	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Platinum #9989	Metal	0.41	0.42	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Sandstone #133	Metal	0.54	0.55	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
CENTRIA	SRS2, SRS3, Versapanel	Silversmith #9946	Metal	0.54	0.54	N	Y	20
CENTRIA	SRS2, SRS3, Versapanel	Surrey Beige #142	Metal	0.4	0.41	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Aged Copper #5444	Metal	0.38	0.38	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Bone White #310	Metal	0.73	0.71	Y	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Chromium Gray #971	Metal	0.44	0.44	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Colonial/Tile Red #156	Metal	0.27	0.23	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Crown/Royal White #179	Metal	0.68	0.68	Y	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Lee Ivory #992	Metal	0.62	0.62	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Light Gray #9917	Metal	0.54	0.54	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Limestone #1760	Metal	0.61	0.61	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Off White #993	Metal	0.68	0.67	Y	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Platinum #9989	Metal	0.41	0.42	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Sandstone #133	Metal	0.54	0.55	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Silversmith #9946	Metal	0.54	0.54	N	Y	20
CENTRIA	Super-Rib, MR3-36, BR5-36, Style-Rib, TR4-36	Surrey Beige #142	Metal	0.4	0.41	N	Y	20
Cameo Specialty Coatings Company	Cameo-Flex Elastomeric	Camig 800	Coating	0.83	0.82	Y	Y	10
Canadian General - Tower Limited	Tower PVC	40 to 80 G	Single-Ply	0.83	0.83	Y	Y	10 - 20
Capstone Manufacturing LLC	Thermal-Coat	Standard	Coating	0.829	0.798	Y	Y	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Carlisle SynTec Incorporated	Carlisle	Sure-Flex Reinforced EIP	Single-Ply	0.84	0.57	Y	N	10-15
Carlisle SynTec Incorporated	Sure Seal	White	Coating	0.85	0.66	Y	Y	5
Carlisle SynTec Incorporated	Syntec	Sure-Weld Tan	Single-Ply	0.68	0.64	Y	Y	20
Carlisle SynTec Incorporated	Syntec	Sure-Weld White	Single-Ply	0.87	0.83	Y	N	15
Carlisle SynTec Incorporated	Syntec	Sure-White EPDM	Single-Ply	0.84	0.8	Y	N	15
Carlisle SynTec Incorporated	Versico	VersiWeld Premier White	Single-Ply	0.87	0.83	Y	N	15
Ceco Building Systems	CECO	CLP	Metal	0.78	0.58	Y	N	20
Ceco Building Systems	CECO	CXP	Metal	0.78	0.58	Y	N	20
Ceco Building Systems	CECO	MAP	Metal	0.78	0.58	Y	N	20
Ceco Building Systems	CECO	MVR	Metal	0.78	0.58	Y	N	20
Cerama-Tech International	Cerama-Tech	Cerama-Tech	Coating	0.83	0.78	Y	Y	15
Ceratech Coatings	Ceratech	CTE-6 Pond Coat	Coating	0.817	0.762	Y	Y	10
Ceratech Coatings	Ceratech	CTE-901 Metal Coat	Coating	0.822	0.754	Y	Y	10
CertainTeed Corporation	CertainTeed	FlintCoat-A 300	Coating	0.66	0.56	Y	N	1- 10
CertainTeed Corporation	CertainTeed	FlintCoat-A Plus	Coating	0.7	0.56	Y	N	1- 10
CertainTeed Corporation	CertainTeed	FlintCoat-W	Coating	0.85	0.68	Y	N	1- 10
Chemical Resource Corporation	PLSI	Dynatherm One Coat	Coating	0.817	0.611	Y	Y	5
Chemical Resource Corporation	PLSI	Dynatherm Standard White	Coating	0.817	0.611	Y	Y	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Chemical Resource Corporation	PLSI	Dynatherm Standard White "UL"	Coating	0.817	0.598	Y	Y	10
Chemical Resource Corporation	PLSI	Dynatherm White Flashing Cement	Coating	0.799	0.729	Y	Y	10
Chemical Resource Corporation	PLSI	Hydrotherm Exterior Paint	Coating	0.803	0.796	Y	Y	10
Chemical Resource Corporation	PLSI	Hydrotherm Interior Paint	Coating	0.803	0.796	Y	Y	10
Chemical Resource Corporation	PLSI	Hydrotherm One Coat	Coating	0.803	0.658	Y	Y	5
Chemical Resource Corporation	PLSI	Hydrotherm Petro Coat	Coating	0.803	0.765	Y	Y	10
Chemical Resource Corporation	PLSI	Hydrotherm Pool Deck Coat	Coating	0.803	0.796	Y	Y	10
Chemical Resource Corporation	PLSI	Hydrotherm Roof Coat	Coating	0.803	0.658	Y	Y	10
Chemical Resource Corporation	PLSI	SBS Standard White	Coating	0.817	0.611	Y	Y	10
Chemical Resource Corporation	PLSI	SBS Standard White "UL"	Coating	0.817	0.598	Y	Y	10
Chemical Resource Corporation	PLSI	SBS White Flashing Cement	Coating	0.799	0.729	Y	Y	10
Chemical Resource Corporation	PLSI	SBS White Flashing Cement	Coating	0.799	0.729	Y	Y	5

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Classic Products, Inc.	Classic Products	Rustic Shingle	Shingles	0.657	0.676	N	Y	50/Lifetime Ltd.
Conklin Company, Inc.	Benchmark	White Acrylic Top Coat	Coating	0.86	0.8	Y	N	12
Conklin Company, Inc.	Hy-Crown	Hypalon	Single-Ply	0.83	0.73	Y	N	15
Conklin Company, Inc.	Rapid Roof HV	White Acrylic Top Coat	Coating	0.73	0.55	Y	N	10
Conklin Company, Inc.	Rapid Roof LLI	White Acrylic Top Coat	Coating	0.85	0.55	Y	N	10
Cooley Incorporated	C-3	Single Ply Membrane	Single-Ply	0.86	0.57	Y	N	10-15
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD 5-V-CRIMP	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD NB1-BUILTITE I	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD NB2-BUILTITE II	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-1	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-11	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-2	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-3	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-4	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-5	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-6	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-7	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-8	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UC-9	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD UR-PRO OMEGA	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD/UC-600	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD/UC-601	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	ALMOND (433B330)	UNA-CLAD/UC-700	Metal	0.57	0.56	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD 5-V-CRIMP	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD NB1-BUILTITE I	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD NB2-BUILTITE II	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-1	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-11	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-2	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-3	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-4	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-5	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-6	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-7	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-8	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UC-9	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD UR-PRO OMEGA	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD/UC-600	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD/UC-601	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	BONE WHITE (431A893)	UNA-CLAD/UC-700	Metal	0.72	0.7	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD 5-V-CRIMP	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD NB1-BUILTITE I	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD NB2-BUILTITE II	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-1	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-11	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-2	Metal	0.37	0.36	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-3	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-4	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-5	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-6	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-7	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-8	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UC-9	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD UR-PRO OMEGA	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD/UC-600	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD/UC-601	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CHAMPAGNE METALLIC (439Z636)	UNA-CLAD/UC-700	Metal	0.37	0.36	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD 5-V-CRIMP	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD NB1-BUILTITE I	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD NB2-BUILTITE II	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-1	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-11	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-2	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-3	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-4	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-5	Metal	0.35	0.34	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-6	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-7	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-8	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UC-9	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD UR-PRO OMEGA	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD/UC-600	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD/UC-601	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CITY SCAPE (432B080)	UNA-CLAD/UC-700	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD 5-V-CRIMP	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD NB1-BUILTITE I	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD NB2-BUILTITE II	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-1	Metal	0.42	0.42	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-11	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-2	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-3	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-4	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-5	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-6	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-6	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-7	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-8	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UC-9	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD UR-PRO OMEGA	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD/UC-600	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD/UC-601	Metal	0.42	0.4	N	Y	20
Copper Sales, Inc.	CLASSIC COPPER (439Z637)	UNA-CLAD/UC-700	Metal	0.42	0.4	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD 5-V-CRIMP	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD NB1-BUILTITE I	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD NB2-BUILTITE II	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-1	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-11	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-2	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-3	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-4	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-5	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-6	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-7	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-8	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UC-9	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD UR-PRO OMEGA	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD/UC-600	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD/UC-601	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	DARK IVY (435B444)	UNA-CLAD/UC-700	Metal	0.25	0.25	N	Y	20
Copper Sales, Inc.	Galvalume Plus	HR-ULTRA OMEGA/ UR-PRO OMEGA/ VR-CLASSIC OMEGA	Metal	0.68	0.57	Y	Y	20
Copper Sales, Inc.	Galvalume Plus	NB1-BUILTITE1/ NB2-BUILTITE2	Metal	0.68	0.57	Y	Y	20
Copper Sales, Inc.	Galvalume Plus	UNA-CLAD 5-V-CRIMP	Metal	0.68	0.57	Y	Y	20
Copper Sales, Inc.	Galvalume Plus	UNA-CLAD UC-1 through UC-11	Metal	0.68	0.57	Y	Y	20
Copper Sales, Inc.	Galvalume Plus	UNA-CLAD UC-600, 601, 700	Metal	0.68	0.57	Y	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	Galvalume	HR-ULTRA OMEGA/ UR-PRO OMEGA/ VR- CLASSIC OMEGA	Metal	0.78	0.58	Y	Y	20
Copper Sales, Inc.	Galvalume	NB1-BUILTITE1/ NB2- BUILTITE2	Metal	0.78	0.58	Y	Y	20
Copper Sales, Inc.	Galvalume	UNA-CLAD 5-V-CRIMP	Metal	0.78	0.58	Y	Y	20
Copper Sales, Inc.	Galvalume	UNA-CLAD UC-1 through UC-11	Metal	0.78	0.58	Y	Y	20
Copper Sales, Inc.	Galvalume	UNA-CLAD UC-600, 601, 700	Metal	0.78	0.58	Y	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD 5-V-CRIMP	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD NB1- BUILTITE I	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD NB2- BUILTITE II	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-1	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-11	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-2	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-3	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-4	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-5	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-6	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-7	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-8	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UC-9	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD UR-PRO OMEGA	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD VR- CLASSIC OMEGA	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD/UC-600	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD/UC-601	Metal	0.26	0.28	N	Y	20
Copper Sales, Inc.	PATINA GREEN (435B363)	UNA-CLAD/UC-700	Metal	0.26	0.28	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD 5-V-CRIMP	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD NB1-BUILTITE I	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD NB2-BUILTITE II	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-1	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-11	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-2	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-3	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-4	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-5	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-6	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-7	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-8	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UC-9	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD UR-PRO OMEGA	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD/UC-601	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD/UC-700	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	REGAL RED (434A986)	UNA-CLAD/UC0600	Metal	0.42	0.41	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD 5-V-CRIMP	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD NB1-BUILTITE I	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD NB2-BUILTITE II	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-1	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-11	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-2	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-3	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-4	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-5	Metal	0.51	0.5	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-6	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-7	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-8	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UC-9	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD UR-PRO OMEGA	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD/UC-600	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD/UC-601	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SANDSTONE (433B272)	UNA-CLAD/UC-700	Metal	0.51	0.5	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD 5-V-CRIMP	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD NB1-BUILTITE I	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD NB2-BUILTITE II	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-1	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-11	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-2	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-3	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-4	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-5	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-6	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-7	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-8	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UC-9	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD UR-PRO OMEGA	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD/UC-600	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD/UC-601	Metal	0.35	0.34	N	Y	20
Copper Sales, Inc.	SIERRA TAN (437B480)	UNA-CLAD/UC-700	Metal	0.35	0.34	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD 5-V-CRIMP	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD NB1-BUILTITE I	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD NB2-BUILTITE II	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-1	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-11	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-2	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-3	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-4	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-5	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-6	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-7	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-8	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UC-9	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD UR-PRO OMEGA	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD/UC-600	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD/UC-601	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	SILVER METALLIC (439Z608)	UNA-CLAD/UC-700	Metal	0.59	0.6	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD 5-V-CRIMP	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD NB1-BUILTITE I	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD NB2-BUILTITE II	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-1	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-11	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-2	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-3	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-4	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-5	Metal	0.57	0.56	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-6	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-7	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-8	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UC-9	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD UR-PRO OMEGA	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD/UC-600	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD/UC-601	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	STONE WHITE (434B217)	UNA-CLAD/UC-700	Metal	0.57	0.56	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD 5-V-CRIMP	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD NB1-BUILTITE I	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD NB2-BUILTITE II	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-1	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-11	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-2	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-3	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-4	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-5	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-6	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-7	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-8	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UC-9	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD UR-PRO OMEGA	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD/UC-600	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD/UC-601	Metal	0.34	0.33	N	Y	20
Copper Sales, Inc.	TERRA COTTA (434A847)	UNA-CLAD/UC-700	Metal	0.34	0.33	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD 5-V-CRIMP	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD NB1-BUILTITE I	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD NB2-BUILTITE II	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-1	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-11	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-2	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-3	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-4	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-5	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-7	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-8	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UC-9	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD UR-PRO OMEGA	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD VR-CLASSIC OMEGA	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD/UC-600	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD/UC-601	Metal	0.28	0.28	N	Y	20
Copper Sales, Inc.	TROPICAL PATINA (435B321)	UNA-CLAD/UC-700	Metal	0.28	0.28	N	Y	20
Custom Seal, Inc.	Custom Seal	White	Single-Ply	0.78	0.718	Y	Y	15
Custom-Bilt Metals	Titan	815D476 Ashtray	Coating	0.36	0.35	N	Y	Lifetime
Custom-Bilt Metals	Titan	815G774 Leaf Green	Coating	0.28	0.25	N	Y	Lifetime
Custom-Bilt Metals	Titan	815R195 Terracotta	Coating	0.32	0.34	N	Y	Lifetime
Custom-Bilt Metals	Titan	815T940 Sand Beige	Coating	0.43	0.43	N	Y	Lifetime
Custom-Bilt Metals	Titan	Copper 818R10	Metal	0.33	0.32	N	Y	lifetime
Custom-Bilt Metals	Titan	Marine Green 815G136	Metal	0.32	0.31	N	Y	lifetime
Custom-Bilt Metals	Titan	Parchment 815T116	Metal	0.35	0.37	N	Y	lifetime
Custom-Bilt Metals	Titan	Redimix Red	Coating	0.33	0.33	N	Y	Lifetime
Custom-Bilt Metals	Titan	Snowdrift 815W38	Metal	0.57	0.56	N	Y	lifetime

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Danosa	Danosa	Glasdan AL-80-4	Single-Ply	0.8	0.685	Y	Y	10 - 20
Decra Roofing Systems	Decra	Shake (Mist Grey)	Tile	0.251	0.25	N	Y	50
Decra Roofing Systems	Decra	Tile (Mist Grey)	Tile	0.251	0.25	N	Y	50
Dimensional Metals Inc.	DMI	DOUBLE-LOCK 15	Metal	0.68	0.57	N	Y	20
Dimensional Metals Inc.	DMI	INTER-LOCK 20	Metal	0.68	0.57	N	Y	20
Dimensional Metals Inc.	DMI	Regal Red	Coating	0.4	0.39	N	Y	20
Dimensional Metals Inc.	DMI	SNAP-ON-SEAM 10	Metal	0.68	0.57	N	Y	20
Dimensional Metals Inc.	DMI	SPAN-LOCK 20	Metal	0.68	0.57	N	Y	20
Dimensional Metals Inc.	DMI	SPAN-LOCK 25	Metal	0.68	0.57	N	Y	20
Dimensional Metals Inc.	DMI	TERRA COTTA	Coating	0.32	0.57	N	Y	20
Drexel Metal Corporation	Drexmet	Drexlume	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexlume 5-V	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexmet 100NS Drexlume	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexmet 100SS Drexlume	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexmet 150SNL Drexlume	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexmet 150SS Drexlume	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexmet 175SNL Drexlume	Metal	0.78	0.578	Y	Y	25
Drexel Metal Corporation	Drexmet	Drexmet 200SS Drexlume	Metal	0.78	0.578	Y	Y	25

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Dura-Loc Roofing Systems Ltd.	Dura-Loc	Impressions Series Ash Grey	Metal	0.39	0.38	N	Y	25
Dura-Loc Roofing Systems Ltd.	Dura-Loc	Impressions Series Colonial Red	Metal	0.253	0.253	N	Y	30
Dura-Loc Roofing Systems Ltd.	Dura-Loc	Impressions Series Egyptian White	Metal	0.55	0.49	N	Y	25
Dura-Loc Roofing Systems Ltd.	Dura-Loc	Impressions Series Galvalume Plus	Metal	0.78	0.58	N	Y	25
Dura-Loc Roofing Systems Ltd.	Dura-Loc	Signature Series #45 Driftwood	Metal	0.363	0.34	N	Y	50
Dura-Loc Roofing Systems Ltd.	Dura-Loc	Signature Series #60 Autumn Gold	Metal	0.314	0.288	N	Y	50
Duro-Last Roofing, Inc.	Duro-Last	40 mil	Single-Ply	0.87	0.86	Y	N	15 - 20
Ecology Roof Systems	Ecology Roof Systems	ERS-5000	Coating	0.74	0.72	Y	Y	20
Ecology Roof Systems	Ecology Roof Systems	ERS-703	Modified Bitumen	0.859	0.623	Y	N	10
Ecology Roof Systems	Ecology Roof Systems	ERS-8000 MA	Single-Ply	0.85	0.82	Y	Y	15
Ecology Roof Systems	Ecology Roof Systems	ERS-8000 W/Fleece back	Single-Ply	0.81	0.81	Y	Y	15
Ecology Roof Systems	Ecology Roof Systems	ERS-910	Modified Bitumen	0.74	0.71	Y	N	15
Ecology Roof Systems	Ecology Roof Systems	ERS-Rain Coat	Modified Bitumen	0.777	0.746	N	N	10
Ecology Roof Systems	Ecology Roof Systems	White Top	Coating	0.88	0.62	Y	Y	10
Ecostar Science and Technology, Inc.	InfraLastic	Radiant Barrier Coating (RBC)	Coating	0.846	0.628	Y	N	5
Edco Products, Inc.	ArrowLine	Shingle-Shake #72062	Shingles	0.39	0.41	N	Y	Lifetime
Elastomeric Roofing Systems, Inc.	ERS	Eraguard 1000	Coating	0.82	0.65	Y	N	10 - 15

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Elastomeric Roofing Systems, Inc.	ERS	Eraguard 500	Coating	0.82	0.65	Y	N	10 - 15
Elastomeric Roofing Systems, Inc.	ERS	Eraguard Foam	Coating	0.73	0.61	Y	Y	10-15
Elastomeric Roofing Systems, Inc.	ERS	Eraguard Metal	Coating	0.74	0.62	N	N	10-15
Elastomeric Roofing Systems, Inc.	ERS	Erakote	Coating	0.77	0.65	Y	N	10 - 15
Elastomeric Roofing Systems, Inc.	ERS	Erathane Ultra	Coating	0.85	0.67	N	N	3
Elastomeric Roofing Systems, Inc.	ERS	Erlastic	Coating	0.82	0.76	Y	N	3
Elastomeric Roofing Systems, Inc.	ERS	Erthane 300 Finish Coat	Coating	0.65	0.6	Y	N	10 - 15
Elastomeric Roofing Systems, Inc.	ERS	Permaweld 48 mil	Single-Ply	0.83	0.54	Y	N	10 - 15
Englert Inc.	ENGLERT	Series A1000 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series A1000 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series A1100 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series A1100 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series A1101 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series A1101 (Standing Seam)	Metal	0.78	0.58	Y	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Englert Inc.	ENGLERT	Series A1200 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series A1200 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series A1300 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series A1300 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series A500 (5V Crimp)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series A500 (5V Crimp)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series C1300 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series C1300 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series S2000 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series S2000 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series S2100 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series S2100 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series S2400 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series S2400 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series S2500 (Standing Seam)	Metal	0.68	0.56	Y	Y	20
Englert Inc.	ENGLERT	Series S2500 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	ENGLERT	Series S3000 (Standing Seam)	Metal	0.68	0.56	Y	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Englert Inc.	ENGLERT	Series S3000 (Standing Seam)	Metal	0.78	0.58	Y	Y	20
Englert Inc.	PERMACOLOR 2000 BONE WHITE	Series 500A 5V CRIMP STANDING SEAM	Metal	0.67	0.67	N	Y	30
Englert Inc.	PERMACOLOR 2000 BONE WHITE	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.67	0.67	N	Y	30
Englert Inc.	PERMACOLOR 2000 BONE WHITE	Series C1300 STANDING SEAM	Metal	0.67	0.67	N	Y	30
Englert Inc.	PERMACOLOR 2000 BONE WHITE	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.67	0.67	N	Y	30
Englert Inc.	PERMACOLOR 2000 DEEP RED	Series 500A 5V CRIMP STANDING SEAM	Metal	0.42	0.4	N	Y	30
Englert Inc.	PERMACOLOR 2000 DEEP RED	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.42	0.4	N	Y	30
Englert Inc.	PERMACOLOR 2000 DEEP RED	Series C1300 STANDING SEAM	Metal	0.42	0.4	N	Y	30
Englert Inc.	PERMACOLOR 2000 DEEP RED	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.42	0.4	N	Y	30
Englert Inc.	PERMACOLOR 2000 DOVE GRAY	Series 500A 5V CRIMP STANDING SEAM	Metal	0.28	0.28	N	Y	30
Englert Inc.	PERMACOLOR 2000 DOVE GRAY	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.28	0.28	N	Y	30

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Englert Inc.	PERMACOLOR 2000 DOVE GRAY	Series C1300 STANDING SEAM	Metal	0.28	0.28	N	Y	30
Englert Inc.	PERMACOLOR 2000 DOVE GRAY	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.28	0.28	N	Y	30
Englert Inc.	PERMACOLOR 2000 PATINA GREEN	Series 500A 5V CRIMP STANDING SEAM	Metal	0.39	0.39	N	Y	30
Englert Inc.	PERMACOLOR 2000 PATINA GREEN	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.39	0.39	N	Y	30
Englert Inc.	PERMACOLOR 2000 PATINA GREEN	Series C1300 STANDING SEAM	Metal	0.39	0.39	N	Y	30
Englert Inc.	PERMACOLOR 2000 PATINA GREEN	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.39	0.39	N	Y	30
Englert Inc.	PERMACOLOR 2000 SANDSTONE	Series 500A 5V CRIMP STANDING SEAM	Metal	0.51	0.52	N	Y	30
Englert Inc.	PERMACOLOR 2000 SANDSTONE	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.51	0.52	N	Y	30
Englert Inc.	PERMACOLOR 2000 SANDSTONE	Series C1300 STANDING SEAM	Metal	0.51	0.52	N	Y	30
Englert Inc.	PERMACOLOR 2000 SANDSTONE	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.51	0.52	N	Y	30
Englert Inc.	PERMACOLOR 2000 SEA FOG GRAY	Series 500A 5V CRIMP STANDING SEAM	Metal	0.34	0.35	N	Y	30

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Englert Inc.	PERMACOLOR 2000 SEA FOG GRAY	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.34	0.35	N	Y	30
Englert Inc.	PERMACOLOR 2000 SEA FOG GRAY	Series C1300 STANDING SEAM	Metal	0.34	0.35	N	Y	30
Englert Inc.	PERMACOLOR 2000 SEA FOG GRAY	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.34	0.35	N	Y	30
Englert Inc.	PERMACOLOR 2000 SIERRA TAN	Series 500A 5V CRIMP STANDING SEAM	Metal	0.35	0.34	N	Y	30
Englert Inc.	PERMACOLOR 2000 SIERRA TAN	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.35	0.34	N	Y	30
Englert Inc.	PERMACOLOR 2000 SIERRA TAN	Series C1300 STANDING SEAM	Metal	0.35	0.34	N	Y	30
Englert Inc.	PERMACOLOR 2000 SIERRA TAN	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.35	0.34	N	Y	30
Englert Inc.	PERMAMETALLIC 2000 Metallic Copper	Series 500A 5V CRIMP STANDING SEAM	Metal	0.42	0.39	N	Y	20
Englert Inc.	PERMAMETALLIC 2000 Metallic Copper	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.42	0.39	N	Y	20
Englert Inc.	PERMAMETALLIC 2000 Metallic Copper	Series C1300 STANDING SEAM	Metal	0.42	0.39	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Englert Inc.	PERMAMETALLIC 2000 Metallic Copper	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.42	0.39	N	Y	20
Englert Inc.	PERMAMETALLIC 2000 Pre-Weathered Galvalume	Series 500A 5V CRIMP STANDING SEAM	Metal	0.45	0.47	N	Y	20
Englert Inc.	PERMAMETALLIC 2000 Pre-Weathered Galvalume	Series A1000/A1100/A1101/A1200/A1300 STANDING SEAM	Metal	0.45	0.47	N	Y	20
Englert Inc.	PERMAMETALLIC 2000 Pre-Weathered Galvalume	Series C1300 STANDING SEAM	Metal	0.45	0.47	N	Y	20
Englert Inc.	PERMAMETALLIC 2000 Pre-Weathered Galvalume	Series S2000/S2100/S2400/S2500/S3000 STANDING SEAM	Metal	0.45	0.47	N	Y	20
Fabral	2 1/2" SSR	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	3" Snap Rib SSH	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	4" Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	5 Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	5V	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	AMP Lok	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Alu-Loc	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Alu-Tuff	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Architectural Profiles	Banner Red V93	Metal	0.477	0.466	N	Y	20
Fabral	Architectural Profiles	Bone White V03	Metal	0.65	0.657	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Fabral	Architectural Profiles	Bright Copper V25	Metal	0.45	0.394	N	Y	20
Fabral	Architectural Profiles	Bright Silver V26	Metal	0.57	0.577	N	Y	20
Fabral	Architectural Profiles	Burgundy V24	Metal	0.25	0.236	N	Y	20
Fabral	Architectural Profiles	Old Town Gray V13	Coating	0.25	0.25	N	Y	20
Fabral	Architectural Profiles	Patina Green V14	Metal	0.262	0.269	N	Y	20
Fabral	Architectural Profiles	Regal White V38	Metal	0.684	0.68	N	Y	20
Fabral	Architectural Profiles	Sandstone V17	Metal	0.513	0.51	N	Y	20
Fabral	Architectural Profiles	Sierra Tan V70	Coating	0.382	0.387	N	Y	20
Fabral	Architectural Profiles	Stone White V31	Metal	0.616	0.614	N	Y	20
Fabral	Architectural Profiles	Surrey Beige V21	Metal	0.411	0.41	N	Y	20
Fabral	Architectural Profiles	Terra Cotta V23	Metal	0.377	0.375	N	Y	20
Fabral	Fabral	Standing Seam & Exposed fastened Roof Panels	Metal	0.68	0.55	Y	Y	
Fabral	Fabrib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Grand Curve	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	GrandBeam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Grandrib 3	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Hefti Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	High Seam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Mighti Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Multi Purpose	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Prime Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Pro-S 12	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Fabral	Shelterguard	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Slim Seam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Snap on Batten	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Snap on Seam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Stand'N Seam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	T-Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Thin Seam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Ultra Rib	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	V-Beam	Galvalume W/WO clear acrylic	Metal	0.78	0.58	Y	N	20
Fabral	Wood Frame Profiles	Ash Gray 548	Coating	0.37	0.37	N	Y	30
Fabral	Wood Frame Profiles	Brick Red 598	Metal	0.25	0.28	N	Y	30
Fabral	Wood Frame Profiles	Caribbean Blue 584	Coating	0.25	0.25	N	Y	30
Fabral	Wood Frame Profiles	Hickory Moss 572	Coating	0.32	0.32	N	Y	30
Fabral	Wood Frame Profiles	Ivory 583	Metal	0.6	0.56	N	Y	30
Fabral	Wood Frame Profiles	Light Stone 588	Coating	0.47	0.48	N	Y	30
Fabral	Wood Frame Profiles	Patina Green 593	Coating	0.37	0.38	N	Y	30
Fabral	Wood Frame Profiles	Polar White 560	Coating	0.63	0.62	N	Y	30
Fabral	Wood Frame Profiles	Tan 555	Metal	0.42	0.39	N	Y	30
Fabral	Wood Frame Profiles	White 299	Coating	0.58	0.57	N	Y	30
Fabral	Wood Frame Profiles	White 599	Metal	0.55	0.53	N	Y	30
Farrow Manufacturing, Inc.	NovaCoat	NovaCoat	Coating	0.8	0.6	Y	N	10
Fields Corporation	A850	AtcoWhite	Coating	0.88	0.7	Y	N	0
Fields Corporation	A860	AtcoBrite	Coating	0.8	0.6	Y	N	0
Fields Corporation	F630	SolrShield3	Coating	0.68	0.55	Y	N	0
Fields Corporation	M630	SilvrShield3	Coating	0.68	0.56	Y	N	

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Fields Corporation	M850	PolrShield	Coating	0.88	0.7	Y	N	0
Fields Corporation	M860	PolrBrite	Coating	0.8	0.6	Y	N	0
Firestone Building Products Company	Firestone	Firestone Aluminum Fibered Roof Coating	Coating	0.74	0.51	Y	N	20
Firestone Building Products Company	Firestone	Firestone Metal Flash AL	Modified Bitumen	0.8	0.68	Y	N	20
Firestone Building Products Company	Firestone	Firestone SBS Metal Flash AL	Modified Bitumen	0.8	0.69	Y	N	20
Firestone Building Products Company	Firestone Building Products	AcryliTop PC-100 (White)	Coating	0.81	0.66	Y	N	5
Firestone Building Products Company	UltraPly 78	PVC	Single-Ply	0.84	0.68	Y	N	5 - 20
Firestone Building Products Company	UltraPly TPO	White TPO	Single-Ply	0.793	0.78	Y	Y	30
Flex Coatings Inc.	Flex White	3150	Coating	0.85	0.67	Y	Y	5 - 10
Flex Membrane International	Flex Roofing	Flex FB Elvaloy Membrane White	Single-Ply	0.81	0.81	Y	N	15
Flex Membrane International	Flex Roofing	Flex MF/R Elvaloy Membrane White	Single-Ply	0.84	0.82	Y	N	15
Flex Membrane International	Flex Roofing	Flex MF/R PVC Membrane White	Single-Ply	0.79	0.78	Y	N	15
Foam Enterprises, Inc.	Foam Enterprises	Diathon; FE Coat 1000 Series	Coating	0.78	0.6	Y	N	5 - 15
Foam Enterprises, Inc.	Foam Enterprises	Elastuff 102; FE Coat 2000 Series	Coating	0.79	0.68	Y	N	5 - 15
GACO Western	GACOFLEX	A6200	Coating	0.83	0.66	Y	N	10 - 15
GACO Western	GACOSIL	S1000	Coating	0.87	0.75	Y	N	10 - 15
GMX, Inc.	Ultra-Shield	5301 White Roof Coating	Coating	0.86	0.72	Y	N	10
GMX, Inc.	Ultra-Shield	White Acrylic Roof Coating	Coating	0.85	0.54	Y	N	5 - 10
Gardner-Gibson	APOC	211 Non-Fibered Aluminium Coating	Coating	0.68	0.59	Y	Y	5
Gardner-Gibson	APOC	212 Fibered Aluminum Coating	Coating	0.67	0.57	Y	Y	5

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Gardner-Gibson	APOC	252 Sun-White Elastomeric	Coating	0.805	0.6679	Y	Y	
Gardner-Gibson	APOC	258 EPDM Renew-It Elastomeric	Coating	0.82	0.78	Y	Y	10
Gardner-Gibson	APOC	247 White Sun Shields Elastomeric	Coating	0.79	0.65	Y	Y	7
Gardner-Gibson	APOC	248 Arizona White Elastomeric	Coating	0.78	0.7	Y	Y	5 - 10
Gardner-Gibson	Sta-Kool	770 White Elastomeric	Coating	0.79	0.65	Y	Y	7
Gardner-Gibson	Sta-Kool	780 White Elastomeric	Coating	0.78	0.7	Y	Y	5 - 10
GenFlex Roofing Systems	GenFlex	Ace Coating	Coating	0.7	0.6	Y	N	0
GenFlex Roofing Systems	GenFlex	White RM	Single-Ply	0.78	0.71	Y	N	10 - 20
GenFlex Roofing Systems	GenFlex	White TPO	Single-Ply	0.78	0.6	Y	N	10 - 20
General Coatings, Inc.	Ultra-Flex	1000 High Tensile	Coating	0.84	0.7	Y	N	5 - 10
General Coatings, Inc.	Ultra-Flex	1000 High Tensile w/ White Granules	Coating	0.79	0.74	Y	N	5 - 10
General Coatings, Inc.	Ultra-Flex	1000 High Tensile w/ white granules	Coating	0.79	0.74	Y	Y	5 - 10
General Coatings, Inc.	Ultra-Flex	1000 Standard	Coating	0.76	0.65	Y	N	5 - 10
General Coatings, Inc.	Ultra-Flex	1000 w/ White Granules	Coating	0.73	0.7	Y	N	5 - 10
General Coatings, Inc.	Ultra-Flex	1600	Coating	0.76	0.65	Y	N	5 - 10
General Coatings, Inc.	Ultra-Shield	3000	Coating	0.8	0.79	Y	N	10
General Coatings, Inc.	UltraGard	5500	Coating	0.81	0.66	Y	N	5 - 10
Henry Company	Henry	280	Coating	0.76	0.62	Y	N	10
Henry Company	Henry	580 w/ white granule finish	Coating	0.78	0.54	Y	N	10
Henry Company	Henry	582	Coating	0.79	0.54	Y	N	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Henry Company	Henry	582 w/ white granule finish	Coating	0.79	0.54	Y	N	10
Henry Company	Henry	869	Coating	0.7	0.54	Y	N	5
Henry Company	Henry	SolarFlex 287	Coating	0.838	0.744	Y	Y	7
Henry Company	Henry	SolarFlex 287 SF	Coating	0.838	0.744	Y	Y	7
Henry Company	Metalshield	275	Coating	0.76	0.62	Y	N	10
Henry Company	Prograde	550	Coating	0.76	0.62	Y	N	10
Henry Company	Rubberkote	827	Coating	0.76	0.62	Y	N	10
Hydro-Stop, Inc.	Hydro-Stop	Premium coat	Coating	0.82	0.67	N	N	10
Hydroseal Polymers Inc.	Hydroseal Polymers	Hydroseal Acrylic	Coating	0.76	0.69	Y	Y	10
Hyload, Inc.	Hyload	Alproof/Alpsam	Coating	0.74	0.72	Y	N	20
IB Roof Systems	IB Single-Ply	50 to 80 mil.	Single-Ply	0.83	0.83	Y	Y	10 - 25
Inland Coatings Corporation	Inland Coatings	RC-2000 White	Coating	0.82	0.72	Y	Y	10
Inland Coatings Corporation	Inland Coatings	SRC-2000 White	Coating	0.818	0.723	N	N	10
Insulated Panel Systems	IPS	Roof/Wall Panel	Metal	0.68	0.57	Y	Y	20
Insulated Panel Systems	IPS	Standing Seam Profile	Metal	0.68	0.57	Y	Y	20
Insulating Coatings Corporation	ASTEC	900	Coating	0.86	0.77	Y	N	10
Insulating Coatings Corporation	ASTEC	2000	Coating	0.866	0.767	Y	N	10
Intellicoat Technologies, LLC	Intellicoat Technologies LLC	Solar Save	Coating	0.881	0.786	Y	Y	10
Isothermal Protective Coatings, Inc.	IPC	Acrylink G	Coating	0.79	0.72	Y	Y	5 - 20
Johns Manville Corporation	DynaClad*		Modified Bitumen	0.85	0.623	N	N	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Johns Manville Corporation	JM PVC	Single Ply Membrane	Single-Ply	0.86	0.57	Y	N	10-15
Johns Manville Corporation	TopGard 400	White	Coating	0.83	0.61	Y	N	
Johns Manville Corporation	TopGard 500	White	Coating	0.83	0.61	Y	N	
Johns Manville Corporation	UltraGard	.060 White EPDM	Single-Ply	0.84	0.8	Y	N	10
Johns Manville Corporation	UltraGard	SR50, SR60, SR80	Single-Ply	0.84	0.76	Y	Y	15
Johns Manville Corporation	UltraGard	TPO	Single-Ply	0.87	0.83	Y	N	15
KM Coatings Mfg., Inc.	KM	FinalCoat	Coating	0.81	0.62	Y	N	5 - 10
KST Coatings Manufacturing, Inc.	Kool Seal	63-300	Coating	0.86	0.61	Y	Y	7
KST Coatings Manufacturing, Inc.	Kool Seal	63-450	Coating	0.855	0.605	Y	Y	7
KST Coatings Manufacturing, Inc.	Kool Seal	63-600	Coating	0.87	0.61	Y	Y	10
KST Coatings Manufacturing, Inc.	MAX White Kool Seal	64-700	Coating	0.85	0.58	Y	Y	
KST Coatings Manufacturing, Inc.	Snow Roof Systems	Roofer's Best	Coating	0.75	0.54	Y	N	5
KST Coatings Manufacturing, Inc.	Snow Roof Systems	Snow Roof	Coating	0.85	0.62	Y	N	10
Karnak Corporation	Karnak	298 Alumin-R	Coating	0.71	0.56	Y	N	3
Karnak Corporation	Karnak	501 Elasto-Brite	Coating	0.85	0.68	Y	N	3
Karnak Corporation	Karnak	502 RCW Elasto-Kote	Coating	0.87	0.63	Y	N	3
Karnak Corporation	Karnak	505 Elasto Brite M	Coating	0.87	0.63	Y	N	3
Karnak Corporation	Karnak	98AF	Coating	0.69	0.56	Y	N	3

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Kryton International, Inc.	Multi-Gard	Liquid Siding	Coating	0.874	0.835	Y	Y	10-25
L & L Suppliers, Inc.	Heat Shield	Heat Shield Capsheet	Coating	0.76	0.66	Y	N	6
L & L Suppliers, Inc.	Heat Shield	Heat Shield Tar & Gravel	Coating	0.73	0.66	Y	N	5 - 30
LaPolla Industries, Inc.	Infiniti Paints & Coatings	Great White / White	Coating	0.9	0.79	Y	Y	5 - 10
LaPolla Industries, Inc.	LaPolla Coatings	Restoration Coating System RCS 5001/White	Coating	0.845	0.7766	Y	Y	5-15
LaPolla Industries, Inc.	LaPolla Coatings	Therm-O-Flex TF 1001 / White	Coating	0.84	0.78	Y	N	5 - 10
LaPolla Industries, Inc.	LaPolla Coatings	Therm-O-Flex TF 1501 HT / White	Coating	0.86	0.8	Y	N	5 - 10
LaPolla Industries, Inc.	LaPolla Coatings	Therm-O-Flex TF 751 / White	Coating	0.84	0.78	Y	N	5 - 10
LaPolla Industries, Inc.	LaPolla Coatings	Therm-O-Flex TF III w/ Ceramic / White	Coating	0.83	0.69	Y	N	5 - 10
Lexcan Industrial Supply Limited	Hi-Tuff	White TPO Membrane	Single-Ply	0.87	0.83	Y	Y	15
Life Paint Corporation	Stretch-Guard	88-20	Coating	0.799	0.756	Y	Y	5 - 20
Liquid Plastics, Inc.	Decothane SP	White	Coating	0.83	0.519	Y	N	30
Ludowici Roof Tile, Inc.	Ludowici Roof Tile	Barcelona Buff	Tile	0.517	0.533	N	Y	75
Ludowici Roof Tile, Inc.	Ludowici Roof Tile	Burgundy	Tile	0.295	0.278	N	Y	75
Ludowici Roof Tile, Inc.	Ludowici Roof Tile	Desert Sand	Tile	0.513	0.462	N	Y	75
Ludowici Roof Tile, Inc.	Ludowici Roof Tile	Santiago Rose	Tile	0.428	0.388	N	Y	75
Ludowici Roof Tile, Inc.	Ludowici Roof Tile	Summer Rose	Tile	0.294	0.305	N	Y	75

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Brick Red (F43 or 2F43)	Tile	0.42	0.4	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Cactus Green (F48 or 2F48)	Tile	0.37	0.34	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Light Cactus Green (F53 or 2F53)	Tile	0.51	0.52	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Light Regency (F54 or 2F54)	Tile	0.55	0.41	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Natural Red (F40)	Tile	0.43	0.38	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Peach Buff (F47 or 2F47)	Tile	0.61	0.48	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Regency Blue (F52 or 2F52)	Tile	0.38	0.34	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Tobacco (F45 or 2F45)	Tile	0.43	0.41	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Traditional Flash (F41 or 2F41)	Tile	0.36	0.31	N	Y	50

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	Weathered Green Blend (B305)	Tile	0.43	0.49	N	Y	50
M.C.A. Clay Roof Tile (Maruhachi Ceramics of America, Inc.)	M.C.A	White Buff (F44 or 2F44)	Tile	0.68	0.56	N	Y	50
MBTechnology	Metaflex SBS	MF160WAL	Modified Bitumen	0.85	0.623	Y	Y	10 - 20
MEGA Industries Corporation	IGLOO	Cool Roof Elastomeric	Coating	0.84	0.65	Y	N	5
MEGA Industries Corporation	MegaFLEX	M-100 Cool Roof White	Coating	0.84	0.65	Y	N	5 - 10
MFM Building Products Corporation	MFM	Peel & Seal Aluminum	Coating	0.9	0.75	Y	N	10
Malarkey Roofing Company	Acrylic Finish Coat	802	Coating	0.76	0.65	Y	Y	5 - 10
McElroy Metal, Inc.	Ash Gray	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.394	0.386	N	Y	40
McElroy Metal, Inc.	Autumn Red	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.336	0.327	N	Y	40
McElroy Metal, Inc.	Bright Silver (439Z608)	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.601	0.553	N	Y	20
McElroy Metal, Inc.	Brite Red	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.454	0.444	N	Y	10
McElroy Metal, Inc.	Casco Orange	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.549	0.531	N	Y	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
McElroy Metal, Inc.	Clay	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.32	0.315	N	Y	40
McElroy Metal, Inc.	Copper (439Z645)	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.367	0.38	N	Y	20
McElroy Metal, Inc.	Copper Penny (439Z637)	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.488	0.472	N	Y	20
McElroy Metal, Inc.	Home Depot Orange	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.534	0.509	N	Y	10
McElroy Metal, Inc.	Ivory	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.668	0.65	Y	Y	40
McElroy Metal, Inc.	Light Stone	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.527	0.516	N	Y	40
McElroy Metal, Inc.	Rawhide	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.525	0.514	N	Y	40
McElroy Metal, Inc.	Rawhide	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.525	0.514	N	Y	40
McElroy Metal, Inc.	Regal White	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.682	0.675	Y	Y	40
McElroy Metal, Inc.	Regal White	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.682	0.675	Y	Y	40

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
McElroy Metal, Inc.	Sandstone	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.543	0.536	N	Y	40
McElroy Metal, Inc.	Snowdrift White	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.62	0.611	N	Y	40
McElroy Metal, Inc.	Surrey Beige	Max-Rib, Multi-Rib, R-Panel, Mega-Rib, 5V, Corrugated, U Panel	Metal	0.405	0.394	N	Y	40
McElroy Metal, Inc.	Surrey Beige	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.405	0.394	N	Y	40
McElroy Metal, Inc.	Terra Cotta	Medallion-Lok, Medallion I & II, Maxima, ML-90, Mirage, Meridian	Metal	0.394	0.393	N	Y	40
Menards/Midwest Manufacturing	Midwest Mfg.	Premium Pro-Rib	Metal	0.64	0.49	N	Y	40
Menards/Midwest Manufacturing	Midwest Mfg.	Premium Pro-Snap	Metal	0.64	0.49	N	Y	40
Menards/Midwest Manufacturing	Midwest Mfg.	Pro-Rib	Metal	0.64	0.49	N	Y	30
Merchant and Evans, Inc.	Zip Rib	Galvalume Standing Seam	Metal	0.78	0.58	Y	Y	25
Merchant and Evans, Inc.	Zip Rib	Galvalume Standing Seam	Metal	0.78	0.58	Y	Y	25
Merchant and Evans, Inc.	Zip Rib	Galvalume plus Standing Seam	Metal	0.68	0.56	Y	Y	25
Merchant and Evans, Inc.	Zip Rib	Galvalume plus Standing Seam	Metal	0.68	0.56	Y	Y	25
Metacrylics	Metacrylics	Acrylic White	Coating	0.87	0.59	Y	N	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seam, and Exposed Fastener Profiles- Signature 300 Almond	Coating	0.6	0.57	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural Profiles	Metal	0.68	0.57	Y	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seam, and Exposed Fastener Profiles - Signature 300 Tunda	Coating	0.34	0.34	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seam, Exposed Fastener Profiles - Brown Stone	Metal	0.38	0.38	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seam, Exposed Fastener Profiles - Scarlet Red	Metal	0.34	0.39	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seam, Exposed Fastener Profiles - Snow White	Metal	0.63	0.62	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seam, Exposed Fastener Profiles - Spruce	Metal	0.29	0.29	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seams, Exposed Fastener Profiles - Copper Metallic	Metal	0.43	0.44	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seams, Exposed Fastener Profiles - Natural Patina	Metal	0.4	0.39	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seams, Exposed Fastener Profiles - Sandstone Metallic	Metal	0.46	0.46	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Architectural, Standing Seams, Exposed Fastener Profiles - Silver Metallic	Metal	0.44	0.53	N	Y	20
Metal Building Components, LP (MBCI)	MBCI	Exposed Fastener Profiles	Metal	0.68	0.57	Y	Y	20
Metal Building Components, LP (MBCI)	MBCI	Standing Seam Profiles	Metal	0.68	0.57	Y	Y	20
Metal Sales Manufacturing Corporation	Colorfast45	Bone White	Metal	0.52	0.51	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	Ivory	Metal	0.54	0.51	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	Light Stone	Metal	0.5	0.48	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	MS Bright White	Metal	0.61	0.61	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	MS White	Metal	0.57	0.59	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	Patina Green	Metal	0.29	0.28	N	Y	45

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Metal Sales Manufacturing Corporation	Colorfast45	Patriot Red	Metal	0.35	0.42	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	Polar White	Metal	0.58	0.54	N	Y	45
Metal Sales Manufacturing Corporation	Colorfast45	Red	Metal	0.3	0.33	N	Y	45
Metal Sales Manufacturing Corporation	Metal Sales	Architectural Products	Metal	0.68	0.57	Y	Y	25
Metal Sales Manufacturing Corporation	Metal Sales	Commercial/ Industrial Products	Metal	0.68	0.57	Y	Y	25
Metal Sales Manufacturing Corporation	Metal Sales	Metal Building Products	Metal	0.68	0.57	Y	Y	25
Metal Sales Manufacturing Corporation	Metal Sales	Structural Standing Seam Products	Metal	0.68	0.57	Y	Y	25
Metal Sales Manufacturing Corporation	PVDF	Aged Copper	Metal	0.32	0.32	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	Ash Gray	Metal	0.38	0.38	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	Khaki	Metal	0.35	0.34	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	LG Patina Green	Metal	0.27	0.27	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	Linen White	Metal	0.73	0.71	Y	Y	45

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Metal Sales Manufacturing Corporation	PVDF	Patriot Red	Metal	0.42	0.42	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	Regal Red	Metal	0.34	0.36	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	River Teal	Metal	0.25	0.19	N	Y	45
Metal Sales Manufacturing Corporation	PVDF	Taupe	Metal	0.29	0.29	N	Y	45
Metl-Span I, Ltd.	Metl-Span	CFR-4Z	Metal	0.68	0.55	Y	Y	20
Mule-Hide Products Co., Inc.	Mule-Hide	A-300 Finish Coating	Coating	0.87	0.73	Y	N	10
Mule-Hide Products Co., Inc.	Mule-Hide	Everguard TPO	Single-Ply			Y	Y	
National Coatings Corporation	AcryShield	A400	Coating	0.83	0.61	Y	N	5 - 20
National Coatings Corporation	AcryShield	A400 White-Granulated	Coating	0.67	0.54	Y	N	5 - 20
National Coatings Corporation	AcryShield	A500	Coating	0.83	0.61	Y	N	5 - 20
National Coatings Corporation	AcryShield	A500 White-Granulated	Coating	0.67	0.54	Y	N	5 - 20
National Coatings Corporation	AcryShield	A510	Coating	0.75	0.61	Y	N	5 - 20
National Coatings Corporation	AcryShield	A510 White-Granulated	Coating	0.67	0.54	Y	N	5 - 20
National Coatings Corporation	AcryShield	A520	Coating	0.83	0.61	Y	N	5 - 20
National Coatings Corporation	AcryShield	A550	Coating	0.86	0.61	Y	N	5 - 20
National Coatings Corporation	AcryShield	A550 White-Granulated	Coating	0.67	0.54	Y	N	5 - 20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
National Coatings Corporation	AcryShield	A600	Coating	0.83	0.61	Y	N	5 - 20
National Coatings Corporation	AcryShield	A600 White-Granulated	Coating	0.67	0.54	Y	N	5 - 20
National Coatings Corporation	AcryShield	AcryShield A420	Coating	0.88	0.61	Y	N	5-20
National Coatings Corporation	AcryShield	AcryShield RP	Coating	0.75	0.61	Y	N	5 - 20
National Polymers Incorporated	National Polymers	NP811FP	Coating	0.81	0.78	Y	Y	5 - 10
National Polymers Incorporated	National Polymers	NP814	Coating	0.825	0.803	Y	Y	5
National Polymers Incorporated	Somay Products	814	Coating	0.825	0.803	Y	Y	5
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Insulkote	Coating	0.815	0.715	Y	Y	8
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Permakote	Coating	0.827	0.735	Y	Y	12
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Permakote Plus	Coating	0.81	0.72	Y	Y	6-12
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Snowbrite	Coating	0.837	0.698	Y	Y	6
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Ultra Kote	Coating	0.83	0.73	Y	Y	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Ultra Kote XL	Coating	0.817	0.717	Y	Y	10
Nationwide Chemical Coatings Manufacturers Inc.	Nationwide	Ultra Seal	Coating	0.82	0.73	Y	Y	10
Neogard Corporation	70613	Elastomeric Polyurethane Coating	Coating	0.767	0.632	Y	N	10
Neogard Corporation	Neogard	Elastomeric Acrylic 7251	Coating	0.74	0.68	Y	N	5 - 15
Neogard Corporation	Neogard	Elastomeric Polyurethane Coating 70613	Coating	0.77	0.63	Y	N	5 - 15
Neogard Corporation	Neogard	Elastomeric Polyurethane Coating 7443	Coating	0.77	0.63	Y	N	5 - 15
Neogard Corporation	Neogard	Low VOC Silicone 7860-01	Coating	0.75	0.75	Y	N	5 - 15
Neogard Corporation	Performance Coating System (PCS) by Neogard	Elastomeric Acrylic PCS 2100-005	Coating	0.74	0.68	Y	N	5 - 15
Neogard Corporation	Performance Coating System (PCS) by Neogard	Elastomeric Polyurethane Coating PCS 2300-005	Coating	0.77	0.63	Y	N	5 - 15
Neogard Corporation	Performance Coating System (PCS) by Neogard	Low VOC Silicone PCS 2500-005	Coating	0.75	0.75	Y	N	5 - 15
Owens Corning	Owens Corning	Trucool	Coating	0.84	0.65	N	N	5
Pacific Metal Company	WeatherCote	Classic White WC2000	Metal	0.66	0.54	Y	Y	30
Pacific Metal Company	WeatherCote	Old Town Gray WC2000	Metal	0.26	0.28	N	Y	
Pacific Metal Company	WeatherCote	Sandstone WC2000	Metal	0.57	0.45	N	Y	30

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Pacific Metal Company	WeatherCote	Shasta White WC2000	Metal	0.67	0.58	Y	Y	30
Pacific Metal Company	WeatherCote	Tahoe Blue WC2000	Metal	0.25	0.24	N	Y	30
Pacific Polymers International Inc.	Pacific Polymers International, Inc.	Elasto-Deck 6500	Coating	0.885	0.881	Y	N	5-15
Palmer Asphalt Company	Bulldog	Durex	Coating	0.85	0.7	Y	Y	5 - 10
Perfection Building Products	Perfection	Country Manor Shake	Shingles	0.676	0.683	N	Y	40/Lifetime Ltd.
Performance Roof Systems, Inc.	Performance Roof Systems, Inc.	DerbiBrite	Modified Bitumen	0.76	0.71	Y	N	20
Performance Roof Systems, Inc.	PermaCool	Reflective Roof Coating	Coating	0.84	0.65	Y	N	5 - 10
Petersen Aluminum Corporation	PAC-CLAD	Almond Steel 433A801	Coating	0.56	0.57	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Arcadia Green Aluminum 435X425	Coating	0.33	0.32	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Arcadia Green Steel 435X425	Coating	0.33	0.32	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Bone White Aluminum 431A614	Coating	0.68	0.67	Y	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Bone White Steel 431X471	Coating	0.73	0.71	Y	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Cardinal Red Aluminum 434A986	Coating	0.37	0.38	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Cardinal Red Steel 434A986	Coating	0.37	0.38	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Petersen Aluminum Corporation	PAC-CLAD	Champagne Aluminum 439Z918	Coating	0.41	0.4	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Champagne Steel 439Z918	Coating	0.41	0.4	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Copper Penny Aluminum 439Z915	Coating	0.49	0.47	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Copper Penny Steel 439Z915	Coating	0.49	0.47	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Granite Aluminum 432A857	Coating	0.36	0.35	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Granite Steel 432A857	Coating	0.36	0.35	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Sandstone Aluminum 433X321	Coating	0.53	0.49	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Sandstone Steel 433X321	Coating	0.53	0.49	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Sierra Tan Aluminum 457X318	Coating	0.36	0.35	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Sierra Tan Steel 457X318	Coating	0.36	0.35	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Silver Aluminum 439Z917	Coating	0.6	0.55	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Silver Steel 439Z917	Coating	0.6	0.55	N	Y	20

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Petersen Aluminum Corporation	PAC-CLAD	Stone White Aluminum 431X363	Coating	0.64	0.59	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Stone White Steel 431X363	Coating	0.64	0.59	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Terra Cotta Aluminum 434K384	Coating	0.36	0.37	N	Y	20
Petersen Aluminum Corporation	PAC-CLAD	Terra Cotta Steel 434K384	Coating	0.36	0.37	N	Y	20
Pinturas Thermicas del Norte	Hidrocoat	Gold	Coating	0.86	0.8	Y	Y	7
Pinturas Thermicas del Norte	Hidrocoat	Platinum	Coating	0.87	0.74	Y	Y	10
Pinturas Thermicas del Norte	Hidrocoat	Silver	Coating	0.87	0.7	Y	Y	5
Pinturas Thermicas del Norte	Raintek	Double Action	Coating	0.86	0.8	Y	Y	5
Pinturas Thermicas del Norte	Raintek	MAX 10	Coating	0.87	0.74	Y	Y	10
Pinturas Thermicas del Norte	Raintek	Raincoat	Coating	0.87	0.7	Y	Y	5
Pinturas Thermicas del Norte	Thermotek	Doble Accion	Coating	0.88	0.8	Y	Y	5
Pinturas Thermicas del Norte	Thermotek	Imper	Coating	0.87	0.7	Y	Y	3

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Pinturas Thermicas del Norte	Thermotek	Max 10	Coating	0.87	0.74	Y	Y	10
Polarhide	Polarhide	Polarhide	Coating	0.8	0.753	Y	Y	20
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	5000	Coating	0.88	0.692	Y	Y	5
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	7000	Coating	0.89	0.646	Y	Y	7
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	Foam 10	Coating	0.87	0.796	Y	Y	10
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	Foam 5	Coating	0.87	0.636	Y	Y	5
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	Foam 7	Coating	0.89	0.639	Y	Y	7
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	MOBILE HOME	Coating	0.766	0.612	Y	Y	7
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	Metal	Coating	0.89	0.624	Y	Y	7
Polimeros, Adhesivos, y Derivados S.A. de C.V.	IMPAC	Premium	Coating	0.89	0.656	Y	Y	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Polyglass USA	Polyglass	PolyAll	Modified Bitumen	0.809	0.734	Y	N	10 - 15
Polyglass USA	Polyglass	PolyAll SA	Modified Bitumen	0.809	0.734	Y	N	10 - 15
Ponderosa Paint Co., Inc.	Galacti-Kote	Elastomeric Roof Coating	Coating	0.99	0.537	N	N	
Prairie Technologies, Inc.	Prairie Technologies	PrairieGuard WBA	Coating	0.82	0.65	Y	N	10-15
Prairie Technologies, Inc.	Prairie Technologies	PrairieGuard WBA-A	Coating	0.82	0.76	Y	N	10-15
Prairie Technologies, Inc.	Prairie Technologies	PrairieGuard WBP	Coating	0.85	0.67	Y	N	10-15
Pro-Tech Products Inc.	Pro-tech	EC-100	Coating	0.85	0.72	Y	Y	5
Pro-Tech Products Inc.	Pro-tech	EC-100 Bramble Tan/Beige	Coating	0.6717	0.6223	Y	Y	5
ProTek - USA	THERMCOTE	A-10	Coating	0.83	0.78	Y	N	10
ProTek - USA	THERMCOTE	A-5	Coating	0.84	0.78	Y	N	5
ProTek - USA	THERMCOTE	A-7	Coating	0.82	0.77	Y	N	7
ProTek - USA	THERMCOTE	A-PW5	Coating	0.81	0.77	Y	N	5 - 10
Proset Inc.	Reflective Coating	Ceramiseal	Coating	0.822	0.777	Y	Y	10
R & R Coating Inc.	Ruberseal	FR 60	Coating	0.84	0.6	Y	N	10
R.M. Lucas Co.	Lucas	#748	Coating	0.71	0.54	Y	Y	3
Reflektor Coatings of Canada	2515-6226	White Hi Reflectivity Water Borne Coating	Coating	0.77	0.76	Y	N	3
Republic Powdered Metals, Inc.	Alumanation 301	Aluminum Coating	Coating	0.68	0.5	Y	N	10 - 12
Republic Powdered Metals, Inc.	Cooley C-3	Single Ply Membrane	Single-Ply	0.84	0.57	Y	N	10 - 15
Republic Powdered Metals, Inc.	Geoflex	Single Ply Membrane	Single-Ply	0.8	0.54	Y	N	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Republic Powdered Metals, Inc.	Geogard	Elastomeric, Urethane	Coating	0.837	0.692	Y	N	12
Republic Powdered Metals, Inc.	Solargard Hy-build	Water-based elastomeric coating	Coating	0.78	0.64	Y	N	10 - 30
Republic Powdered Metals, Inc.	Solarguard Ultra	High Build Reflective Coating	Coating	0.84	0.6	Y	N	10
Resin Technology Company	Henry	580	Coating	0.94	0.91	Y	Y	10
Resin Technology Company	Henry	582	Coating	0.92	0.85	Y	Y	10
Resin Technology Company	Permax	100	Coating	0.9	0.73	Y	Y	10
Resin Technology Company	Permax	110	Coating	0.9	0.81	Y	Y	10
Resin Technology Company	Permax	115	Coating	0.94	0.91	Y	Y	10
Resin Technology Company	Permax	2000	Coating	0.89	0.54	Y	Y	10
Resin Technology Company	Permax	800	Coating	0.84	0.8	Y	Y	10
Resin Technology Company	Permax	Permax-108	Coating	0.92	0.85	Y	Y	10
Resin Technology Company	Permax	Permax-108 w/ White Granule Finish	Coating	0.79	0.54	Y	N	10
Resin Technology Company	Permax	Permax-115 w/ White Granule Finish	Coating	0.78	0.54	Y	N	10 - 20
RoofMart International, Inc.	Garnite Roofing Products	Garna-Thane	Coating	0.87	0.83	Y	N	10 - 30
RoofMart International, Inc.	Garnite Roofing Products	Krylyk	Coating	0.734	0.702	Y	Y	5 - 15
Ryerson	BASF Fluoroceram	815W49 Natural White	Coating	0.772	0.7422	N	Y	30
SAF-T-SCREENS, INC., dba Roof Guardian	Roof Guardian Technologies, Inc.	RG170	Coating	0.88	0.62	Y	Y	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
SOLEC - Solar Energy Corporation	LO/MIT	LO/MIT-1	Coating	0.8	0.67	Y	N	1 - 5
SPM THERMO-SHIELD, Inc.	Thermo-Shield	Roof Coat	Coating	0.84	0.63	Y	N	5 - 15
SR Products Group	Wite Brite Elastomeric Coating	N/A	Coating	0.8366	0.707	Y	Y	2
SWD Urethane Company	Kool-Kote	1929-F	Coating	0.81	0.72	Y	N	10
SWD Urethane Company	Kool-Kote	1929-R	Coating	0.81	0.71	Y	N	10
Sandstone Products Inc	EVERTUFF	SP-100	Coating	0.875	0.681	Y	Y	
Sarnafil Inc.	CLASSIC	All S327 & G410 48-120 Mil. Membranes	Single-Ply	0.66	0.50-0.66	Y	Y	5 - 20 (Wind & Weather)
Sarnafil Inc.	Decor Profile Roof TM	All S327 & G410 48-120 Mil. Membranes	Single-Ply	0.48	0.15-0.48	N	Y	5 - 20 (Wind & Weather)
Sarnafil Inc.	EnergySmart Roof	All S327 & G410 48-120 Mil. Membranes	Single-Ply	0.83	0.5-0.83	Y	Y	5 - 20 (Wind & Weather)
Sealoflex Inc.	Sealoflex	Finish Coat (White)	Coating	0.77	0.69	Y	Y	10
Seaman Corporation	FiberTite	FiberTite XT, SM, FB, LX, Xtreme	Single-Ply	0.81	0.77	Y	Y	10 - 15
Siplast, Inc.	Siplast, Inc.	PC-227 Elastomeric Roof Coating	Coating	0.75	0.65	Y	N	5 - 10
Siplast, Inc.	Siplast, Inc.	Veral Aluminum	Modified Bitumen	0.88	0.66	Y	N	10 - 20
Solar Guard Coatings	Solastic	Premium Fibered Aluminum Coating	Coating	0.674	0.571	N	N	5
Solar Guard Coatings	Solastic	Premium Non-Fibered Aluminum Coating	Coating	0.677	0.587	N	N	5
Solar Guard Coatings	Solastic	Premium White Elastomeric Coating	Coating	0.805	0.668	N	N	5-10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Solar Guard Coatings	Solastic	White Elastomeric Coating	Coating	0.79	0.65	N	N	5-10
Southwest Metal Roofing Systems	Galvalume AZ55	Sheet Metal	Metal	0.68	0.52	Y	Y	20
Specialty Coatings Co. and Specialty Coatings Co. DBA Specialty Finishes Co.(CA)	Super Series 4800 Super Cool	Mission Clay 408-10-2R840	Built-Up-Roof (BUR)	0.312	0.3	N	Y	20
Stevens Roofing Systems	Stevens	Stevens EP	Single-Ply	0.86	0.85	Y	N	5 - 20
Stevens Roofing Systems	Stevens	Stevens Hypalon (CSM)	Single-Ply	0.85	0.77	Y	N	5-20
Stevens Roofing Systems	Stevens	Stevens Multi-Purpose Roof Coating	Coating	0.82	0.72	Y	N	
Structural Elastomeric Products, Inc.	E-las-tek	#100 Solar Mastic	Coating	0.856	0.772	Y	N	5
Structural Elastomeric Products, Inc.	E-las-tek	#109 Solar Magic	Coating	0.792	0.783	Y	N	4
Structural Elastomeric Products, Inc.	E-las-tek	#120 Solar Tek 2000	Coating	0.839	0.795	Y	N	6
Sun Tech Coating, Mfg	Sunguard	Top Coat 1	Coating	0.81	0.7	Y	N	5
Sunlife Systems	Sunlife	Sunlife Roofing Compound	Coating	0.9	0.84	Y	Y	10 - 15
Sunshine Systems, Inc.	Sunshine Systems	Sunshine Re-Roof Systems	Metal	0.7	0.66	Y	Y	10
Sunward Corporation	Sunward	Commercial High Rib/Rockweld TS 324	Metal	0.78	0.58	Y	Y	20
Superior Products International II, Inc.	Ceramic	Super Therm	Coating	0.8	0.79	Y	N	10-20
T. Clear Corporation	Lightguard	COOLGUARD	Tile	0.84	0.65	Y	N	5 - 10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
TAMKO Building Products, Inc.	AstonWood	Wood Profile - Brite Red	Metal	0.33	0.33	N	Y	50
TAMKO Building Products, Inc.	AstonWood	Wood Profile - Coastal White	Metal	0.58	0.58	N	Y	50
TAMKO Building Products, Inc.	AstonWood	Wood Profile - Sequoia Red	Metal	0.27	0.27	N	Y	50
TAMKO Building Products, Inc.	AstonWood	Wood Profile - Taupe	Metal	0.28	0.28	N	Y	50
TAMKO Building Products, Inc.	StoneCrest	Slate Profile - Brite Red	Metal	0.33	0.33	N	Y	50
TAMKO Building Products, Inc.	StoneCrest	Slate Profile - Canyon Copper Bronze	Metal	0.32	0.32	N	Y	50
TAMKO Building Products, Inc.	StoneCrest	Slate Profile - Sequoia	Metal	0.27	0.27	N	Y	50
TAMKO Building Products, Inc.	TAM Star	White Coating	Coating	0.75	0.7	Y	Y	7
Tech Traders Inc.	Insuladd	E-Coat	Coating	0.85	0.75	Y	Y	10
Technical Roofing Solutions, Inc.	ADURON	OC9000	Coating	0.852	0.719	N	N	5 - 10/Lifetime
Technical Roofing Solutions, Inc.	Roof-Tek	Acry-Tek 4200 White	Coating	0.799	0.776	Y	Y	10
Technical Roofing Solutions, Inc.	Roof-Tek	RT-SP2206	Coating	0.83	0.83	Y	Y	5 - 10
Temp-Coat Brand Products, LLC	TEMP COAT	Roofing & Siding Coating	Coating	0.877	0.61	Y	Y	10
Texas Refinery Corp.	Texas Refining Corp.	Aluminum Quick-Patch	Coating	0.88	0.83	Y	N	
Texas Refinery Corp.	Texas Refining Corp.	White Metal Seal Elastomeric Coating	Coating	0.83	0.8	Y	N	
The Brewer Company	Cool King	#5621 Premium White Reflective Roof Coating	Coating	0.75	0.7	Y	N	7
The Brewer Company	Fortress	#5601 White Elastomeric Coating	Coating	0.83	0.71	Y	N	7

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
The Garland Company, Inc.	Bare Galvalume	R-Mer Span, R-Mer Loc, R-Mer Clad, R-Mer Lite	Metal	0.68	0.57	Y	N	30
The Garland Company, Inc.	Natural Patina	R-Mer Span, R-Mer Loc, R-Mer Seam, R-Mer Clad, R-Mer Lite	Metal	0.469	0.461	N	Y	30
The Garland Company, Inc.	Portland Stone	R-Mer Span, R-Mer Loc, R-Mer Seam, R-Mer Clad, R-Mer Lite	Metal	0.458	0.454	N	Y	30
The Garland Company, Inc.	Pyramic	White Reflective Coating	Coating	0.85	0.54	Y	Y	1 - 10
The Garland Company, Inc.	Regal White	R-Mer Span, R-Mer Loc, R-Mer Seam, R-Mer Clad, R-Mer Lite	Metal	0.681	0.671	N	Y	30
The Garland Company, Inc.	Sandstone	R-Mer Span, R-Mer Loc, R-Mer Seam, R-Mer Clad, R-Mer Lite	Metal	0.542	0.539	N	Y	30
The Garland Company, Inc.	Terra Cotta	R-Mer Span, R-Mer Loc, R-Mer Seam, R-Mer Clad, R-Mer Lite	Metal	0.347	0.346	N	Y	30
The Garland Company, Inc.	White SMP	R-Mer Lite	Metal	0.67	0.6	Y	N	30
The Garland Company, Inc.	WhiteKnight	Elastomeric Polyurethane Coating	Coating	0.767	0.632	Y	Y	10
The Glidden Company DBA ICI Paints	Sinclair	Rooflex 1070	Coating	0.855	0.6492	Y	N	10
The Glidden Company DBA ICI Paints	Sinclair	VX-70-11	Coating	0.845	0.683	Y	N	10
The Glidden Company DBA ICI Paints	UltraHide	2070-1200	Coating	0.855	0.6492	Y	N	10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
The Glidden Company DBA ICI Paints	UltraHide	2071-1200	Coating	0.845	0.6803	Y	N	10
ThorWorks Industries, Inc.	Seal Best	White Elastomeric Roof Coating	Coating	0.85	0.79	Y	N	7
Topps Products Inc.	Topps Seal	#9100	Coating	0.832	0.5893	Y	Y	10
Tremco, Inc.	Double Duty Aluminum LV	Aluminum Coating	Coating	0.65	0.53	Y	N	10 - 12
Tremco, Inc.	HP 4510	Hypalon single ply	Single-Ply	0.818	0.77	Y	N	10 - 15
Tremco, Inc.	One Coat Aluminum	Aluminum Coating	Coating	0.68	0.5	Y	N	10 - 12
Tremco, Inc.	Polarcote	Fire Retardant Coating	Coating	0.82	0.5	Y	N	10
Tremco, Inc.	TPA/TPA FB	Single Ply Membrane	Single-Ply	0.84	0.57	Y	N	10 - 15
Tremco, Inc.	TREMCO SRC	Elastomeric, Urethane	Coating	0.84	0.69	Y	N	12
Tremco, Inc.	Tremco	High Build Reflective Coating	Coating	0.84	0.6	Y	N	10
Tremco, Inc.	Tremco	POWERply Premium FR T24	Modified Bitumen	0.84	0.6	Y	N	10
Tremco, Inc.	Tremco	POWERply Standard FR T24	Modified Bitumen	0.84	0.6	Y	N	10
Tremco, Inc.	Tremco	POWERply Supreme FR T24	Modified Bitumen	0.84	0.6	Y	N	10
Tremco, Inc.	Tremco	TremLock VP, LSP, SL	Metal	0.68	0.57	Y	Y	10-15
Tremco, Inc.	Tremfast	Single Ply Membrane	Single-Ply	0.8	0.54	Y	N	10
Tremco, Inc.	Tremlite	Water-based Elastomeric	Coating	0.78	0.57	Y	N	10
Tropical Asphalt Products Corporation	Roofing	#901 Elastomeric Roof Coating	Coating	0.88	0.789	Y	N	3
Tropical Asphalt Products Corporation	Roofing	Eternalastic	Coating	0.98	0.786	Y	N	5

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Tropical Asphalt Products Corporation	Roofing	Reflex 921	Coating	0.84	0.71	Y	Y	3
Truco Inc.	Eterna-Seal	#7140	Coating	0.834	0.71	Y	Y	10
UCSC	UCSC	Durashield II	Coating	0.91	0.69	Y	N	5 - 10
US Tile Co.	US Tile	Standard Red	Tile	0.266	0.222	N	Y	50
Uniflex	UNIFLEX	41-300	Coating	0.88	0.62	Y	N	10
Uniflex	UNIFLEX	41-500	Coating	0.86	0.61	Y	N	5
Union Corrugating Company	ATAS Mission Red, ATAS #608	Performa Metal Shingle	Metal	0.32	0.32	N	Y	50
Union Corrugating Company	Ceram-A-Star 900	SW3X24009 White	Metal	0.55	0.46	N	Y	20
Union Corrugating Company	Ceram-a-star 940	SR5P24847 Red	Metal	0.31	0.31	N	Y	20
Union Corrugating Company	USS	Acrylume (Galvalume)	Metal	0.68	0.52	N	Y	30
Union Corrugating Company	Union	XA5G41220 Pearl Gray	Metal	0.37	0.35	N	Y	40
Union Corrugating Company	Union	XH3G41211 Light Stone	Metal	0.52	0.51	N	Y	40
Union Corrugating Company	Union	XH3G41213 Ivory	Metal	0.6	0.58	N	Y	40
Union Corrugating Company	Union	XH3G41216 Clay	Metal	0.33	0.32	N	Y	40
Union Corrugating Company	Union	XR5G41223 Terracotta Red	Metal	0.32	0.32	N	Y	40
Union Corrugating Company	Union	XT3G41215 Sahara Tan	Metal	0.36	0.36	N	Y	40
Union Corrugating Company	Union	XW3G41212 Arctic White	Metal	0.65	0.63	Y	Y	40
Union Corrugating Company	Union	XW3G41214 Regal White	Metal	0.56	0.46	N	Y	40
United Coatings	Diathon	White	Coating	0.78	0.6	Y	N	5 - 15
United Coatings	Diathon HT	High Tensile White	Coating	0.78	0.6	Y	Y	5 - 15
United Coatings	Duragard	Duragard	Coating	0.767	0.711	Y	N	5, 10

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
United Coatings	Elastuff	102	Coating	0.79	0.68	Y	N	5 - 15
United Coatings	Roof Mate	Roof Mate White	Coating	0.85	0.66	Y	Y	5 - 15
United Coatings	Roof Mate HT	High Tensile White	Coating	0.77	0.551	Y	Y	5 - 15
United Coatings	Traffic Guard	Traffic Guard	Coating	0.767	0.711	Y	N	5, 10
VP Building	VP Buildings	Panel Rib Roof	Metal	0.68	0.57	Y	Y	
VP Building	VP Buildings	SSR - Standing Seam Roof	Metal	0.68	0.57	Y	Y	
Valspar Corporation	Fluropon	Almond	Coating	0.57	0.56	N	Y	30
Valspar Corporation	Fluropon	Arcadia Green	Coating	0.34	0.33	N	Y	30
Valspar Corporation	Fluropon	Arctic White	Coating	0.56	0.55	N	Y	30
Valspar Corporation	Fluropon	Ash Gray	Coating	0.39	0.39	N	Y	30
Valspar Corporation	Fluropon	Bone White	Coating	0.72	0.7	Y	Y	30
Valspar Corporation	Fluropon	Brick Red	Coating	0.29	0.29	N	Y	30
Valspar Corporation	Fluropon	Copper Penny	Coating	0.43	0.42	N	Y	30
Valspar Corporation	Fluropon	Regal White	Coating	0.7	0.68	Y	Y	30
Valspar Corporation	Fluropon	Sandstone	Coating	0.51	0.5	N	Y	30
Valspar Corporation	Fluropon	Sierra Gold	Coating	0.47	0.46	N	Y	30
Valspar Corporation	Fluropon	Terra Cotta	Coating	0.35	0.35	N	Y	30
W.P. Hickman Systems, Inc.	W.P. Hickman	HK 3000	Single-Ply	0.82	0.77	Y	Y	15
W.P. Hickman Systems, Inc.	W.P. Hickman	HK 5000	Single-Ply	0.84	0.82	Y	N	15
W.P. Hickman Systems, Inc.	W.P. Hickman	HK 5001	Single-Ply	0.81	0.81	Y	N	15

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
W.P. Hickman Systems, Inc.	W.P. Hickman	Hickman Premium Plus	Coating	0.834	0.71	Y	Y	10
W.P. Hickman Systems, Inc.	W.P. Hickman	White Roof Coating WC	Coating	0.77	0.55	Y	N	5
Weather Barrier Incorporated	Weather Barrier	1650 White	Coating	0.83	0.67	Y	N	10
Weather Barrier Incorporated	Weather Barrier	1655 White	Coating	0.8	0.72	Y	N	10
WedgCor Inc. Steel Building Systems	Wedgcor	Commercial High Rib/Rockwell TS 324	Metal	0.78	0.58	Y	Y	20
Western Colloid S.C., Inc.	Western Colloid	ElastaHyde 790 AFC	Coating	0.835	0.6276	Y	N	5 - 10
Western Colloid S.C., Inc.	Western Colloid	ElastaHyde 720 Arc	Coating	0.88	0.63	Y	N	5 - 10
Western Colloid S.C., Inc.	Western Colloid	ElastaHyde 757E	Coating	0.85	0.59	Y	N	5 - 10
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Sea and Exposed Fastener Profiles SR3G23792 Colonial Red	Metal	0.31	0.3	N	Y	30
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles SA3G24195 Old Town Gray	Metal	0.27	0.28	N	Y	30
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles SD2G23791 Aztec Gold	Metal	0.53	0.52	N	Y	30

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles SG3G23794 Colony Green	Metal	0.35	0.35	N	Y	30
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles SG3G24471 Aspen Green	Metal	0.3	0.3	N	Y	30
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles SH3G23793 Light Stone	Metal	0.52	0.51	N	Y	30
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles ST3G23790 Sahara Tan	Metal	0.36	0.36	N	Y	30
Whirlwind Building Systems	Whirlwind Cerm-a-Star	Architectural, Standing Seam and Exposed Fastener Profiles ST3G23798 Surfsand	Metal	0.3	0.31	N	Y	30
Whirlwind Building Systems	Whirlwind Trimar	Architectural, Sanding Seam and Exposed Fastener Profiles KT3R19238 Sahara Tan	Metal	0.43	0.42	N	Y	20
Whirlwind Building Systems	Whirlwind Trimar	Architectural, Standing Seam and Exposed Fastener Profiles KA3R23092 Ash Gray	Metal	0.38	0.38	N	Y	30

Company Name	Brand	Model	Type	Initial Solar Reflectance	Solar Reflectance after 3 years*	Low Slope?	Steep Slope?	Warranty (years)**
Whirlwind Building Systems	Whirlwind Trimar	Architectural, Standing Seam and Exposed Fastener Profiles KD3R23115 Aztec Gold	Metal	0.46	0.46	N	Y	30
Whirlwind Building Systems	Whirlwind Trimar	Architectural, Standing Seam and Exposed Fastener Profiles KT3R25385 Surfsand	Metal	0.33	0.34	N	Y	30
Whirlwind Building Systems	Whirlwind Trimar	Architectural, Standing Seam and Exposed Fastener Profiles KW3R1935 Polar White	Metal	0.59	0.57	N	Y	30
<p>*Products are permitted to be cleaned before testing. **Warranty does not necessarily cover solar reflectance.</p>								