



Cool Roof Data

NOTE: ALL Values are for AZ-50 Substrate only!

Description	Initial SR	3 yr Aged SR	Emittance	Initial SRI	3 yr Aged SRI	LEED V3.0		LEED V4.0		CRRC ID # (Color family values are listed on the CRRC website)	LRV (Light Reflectance Value)
						Low Slope	Steep Slope	Low Slope	Steep Slope		
Galvalume Plus®	0.69	0.65	0.19	62	49		x		x	0786-0002	-
Polyester											
Igloo White	0.63	0.63	0.86	75	75		x	x	x	0786-0042	67.89
Standard – Siliconized Polyester											
Ash Gray	0.46	0.45	0.86	52	50		x		x	0786-0004	36.54
Light Stone	0.56	0.52	0.86	65	60		x		x	0786-0005	48.91
Winter White	0.67	0.65	0.86	81	78	x	x	x	x	0786-0006	69.64
Premium – Siliconized Polyester											
Burnished Slate	0.34	0.33	0.86	35	34		x		X	0786-0037	6.31
Charcoal Gray	0.37	0.36	0.86	39	38		x		X	0786-0038	11.35
Crimson Red	0.32	0.32	0.87	33	33		x		x	0786-0064	9.09
Desert Sand	0.42	0.40	0.87	47	44		x		x	0786-0039	29.22
Fern Green	0.29	0.29	0.86	29	29		x			0786-0036	4.69
Hawaiian Blue	0.31	0.31	0.86	31	31		x			0786-0035	14.17
Koko Brown	0.35	0.33	0.86	37	34		x		x	0786-0040	7.22
Rustic Red	0.37	0.35	0.86	39	37		x		x	0786-0034	9.13
Saddle Tan	0.47	0.45	0.87	53	51		x		x	0786-0041	32.38
Solar White	0.71	0.70	0.86	86	85	x	x	x	x	0786-0032	78.14
Standard I – 70% PVDF Fluoropolymer											
Polar White	0.70	0.68	0.86	85	82	x	x	x	x	0786-0033	72.58
Sandstone	0.60	0.59	0.86	71	70		x	x	x	0786-0031	51.30
Standard II – 70% PVDF Fluoropolymer											
Almond	0.63	0.57	0.86	75	67		x	x	x	0786-0030	60.01
Brownstone	0.47	0.38	0.86	53	41		x		x	0786-0029	31.23
Regal Gray	0.55	0.54	0.86	64	63		x		x	0786-0028	46.02
Premium I – 70% PVDF Fluoropolymer											
Aegean Blue	0.29	0.29	0.87	29	29		x			0786-0025	17.70
Brite Red	0.49	0.47	0.84	55	52		x		x	0786-0013	7.01
Classic Green	0.32	0.29	0.86	33	29					0786-0021	6.27
Colonial Red	0.34	0.33	0.86	35	34		x		x	0786-0014	7.56
Harbor Blue	0.26	0.26	0.86	25	25					0786-0027	6.94
Hemlock Green	0.31	0.30	0.86	31	30		x			0786-0059	17.01
Hunter Green	0.35	0.35	0.86	37	37		x		x	0786-0020	5.91
Leaf Green	0.29	0.28	0.85	28	27					0786-0060	8.81
Medium Bronze	0.33	0.32	0.86	34	33		x		x	0786-0019	8.20
Natural Patina	0.41	0.39	0.87	45	43		x		x	0786-0022	35.95
Pacific Blue	0.29	0.29	0.84	28	28					0786-0026	10.01
Pewter	0.38	0.37	0.87	41	40		x		x	0786-0062	24.30
Regal Blue	0.30	0.30	0.86	30	30		X			0786-0058	7.67
Slate Gray	0.37	0.37	0.86	39	39		x		x	0786-0018	18.76
Smoke Gray	0.50	0.50	0.86	57	57		x		x	0786-0016	35.95
Snow White	0.65	0.62	0.86	78	74	x	x	x	x	0786-0012	64.00
Spruce	0.36	0.29	0.86	38	29		x			0786-0023	23.01
Tahoe Blue	0.27	0.27	0.84	25	25					0786-0024	12.21
Terra-Cotta	0.38	0.37	0.87	41	40		x		x	0786-0015	11.92
Tundra	0.46	0.34	0.86	52	35		x		x	0786-0017	31.88
Weathered Copper	0.34	0.33	0.86	35	34		x		x	0786-0061	8.57
Zinc Grey	0.36	0.36	0.87	39	39		x		x	0786-0063	16.73
Premium II – Metallic/Pearlescent - 70% PVDF Fluoropolymer											
Champagne	0.40	0.40	0.85	43	43		x		x	0786-0010	20.94
Copper Metallic	0.46	0.44	0.83	51	48		x		x	0786-0009	24.64
Dark Gray Metallic	0.35	0.35	0.80	34	34		x		x	0786-0054	16.21
Silver Metallic	0.52	0.48	0.81	58	53		x		x	0786-0008	39.18
Weathered Zinc	0.38	0.38	0.87	41	41		x		x	0786-0011	20.33
Antique Patina	0.38	0.37	0.86	41	39		x		x	0786-0007	12.25

Emittance measured in accordance with ASTM C1371. Solar Reflectance (SR) values measured using DS solar spectrum reflectometer according to ASTM C1549. SRI calculated in accordance with ASTM E1980 assuming medium wind conditions. Light reflectance values are determined by means of a tristimulus colorimeter in accordance with ASTM E1477. All values are over AZ-50 substrate, unless noted. (*denotes HDG substrate)



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Description	LEED V3.0					LEED V4.0				CRRC ID # (Color family values are listed on the CRRC website)	LRV (Light Reflectance Value)
	Initial SR	3 yr Aged SR	Emittance	Initial SRI	3 yr Aged SRI	Low Slope	Steep Slope	Low Slope	Steep Slope		
Premium II – Metallic/Pearlescent - 70% PVDF Fluoropolymer (continued)											
Asti	0.42	0.40	0.79	43	41		x		x		32.32
Autumnwood – Classic I	0.30	0.30	0.87	31	31		x				24.50
Autumnwood – Classic II	0.44	0.42	0.85	49	46		x		x	0786-0049	24.61
Breakwater	0.33	0.32	0.81	32	31		x			0786-0045	18.55
Earth Gold	0.58	0.57	0.88	69	67		x	x	x		43.85
Metallic Beige	0.59	0.57	0.86	70	67		x	x	x		53.21
Metallic Fusion – Classic I	0.25	0.25	0.87	24	24						20.06
Metallic Fusion – Classic II	0.38	0.36	0.86	41	38		x		x	0786-0053	21.00
Natural Suede	0.52	0.51	0.83	59	57		x		x	0786-0050	38.55
Pearl White –Classic (std)	0.66	0.65	0.89	80	79	x	x	x	x	0786-0057	67.07
Pearl White –Classic II	0.70	0.70	0.88	85	85	x	x	x	x		68.90
PreWeathered Galvalume	0.45	0.44	0.84	50	48		x		x		37.55
Rosalind	0.47	0.46	0.86	53	52		x		x	0786-0044	26.99
Sandstone Metallic – Classic I	0.48	0.48	0.87	55	55		x		x		31.66
Sandstone Metallic – Classic II	0.50	0.50	0.86	57	57		x		x	0786-0043	32.43
Sandstorm Metallic – Classic I	0.39	0.38	0.88	43	42		x		x		32.08
Sandstorm Metallic – Classic II	0.52	0.51	0.86	60	58		x		x	0786-0047	33.19
Sea Foam	0.46	0.45	0.80	49	48		x		x		37.66
Silversmith	0.48	0.46	0.80	52	49		x		x	0786-0052	40.24
Premium III – Weathered Metals											
Galv-TEN™ Raw	0.49	-	0.84	55	-		x		x		
Galv-TEN™ Robust	0.52	-	0.86	60	-		x		x		
Copper-TEN™ Raw	0.45	-	0.88	51	-		x		x		
Copper-TEN™ Robust	0.44	-	0.88	50	-		x		x		
Cor-TEN AZP® Raw	0.32	-	0.89	34	-		x				
Cor-TEN AZP® Robust	0.32	-	0.85	32	-		x				
Pau Ferro	-	-	-	-	-						
Rustic Cedar	-	-	-	-	-						
Aurora™ Colors											
Copper Fairway	0.32	-	0.88	34	-						
Electric Sky	0.36	-	0.88	39	-						
Fading Rose	0.35	-	0.88	38	-						
Lavender Essence	0.25	-	0.89	25	-						
Sea Mint	0.42	-	0.86	46	-						
Tuff Cote®*											
Antique Bronze*	0.25	-	0.87	24	-						
Light Gray*	0.34	-	0.87	36	-						
Light Stone*	0.50	-	0.84	56	-						
Medium Beige*	0.37	-	0.88	40	-						
Surrey Beige*	0.32	-	0.88	34	-						
Textured White*	0.64	-	0.86	77	-						
Warm Limestone*	0.45	-	0.87	51	-						
Vinyl Plastisol White	0.70	-	0.88	85	-						

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