Cool Roof Data

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	0828-0066	-
Signature 200®											
Ash Gray	0.46	0.45	0.86	52	50		x		x	0828-0046	36.54
Buckskin	0.33	0.33	0.87	35	35		x		x	0828-0047	18.77
Burgundy	0.28	0.26	0.86	27	25					0828-0048	3.57
Burnished Slate	0.34	0.33	0.86	35	34		x		x	0828-0049	6.31
Charcoal Gray	0.37	0.36	0.86	39	38		x		x	0828-0050	11.35
Clay	0.35	0.35	0.86	37	37		x		x	-	10.66
Coal Black	0.30	0.29	0.84	29	28		x			0828-0051	0.65
Cobalt Blue	0.25	0.25	0.86	24	24					0828-0052	6.36
Crimson Red	0.32	0.32	0.87	33	33		x		x	-	9.09
Desert Sand	0.42	0.40	0.87	47	44		x		x	0828-0053	29.22
Evergreen	0.35	0.26	0.86	37	25		x			-	7.23
Fern Green	0.29	0.29	0.86	29	29		x			0828-0054	4.69
Gray	0.45	0.45	0.87	51	51		x		x	0828-0055	37.53
Hawaiian Blue	0.31	0.31	0.86	31	31		x			0828-0056	14.17
Igloo White	0.63	0.63	0.86	75	75		x	x	x	-	67.89
Ivy Green	0.30	0.28	0.87	31	28		x			0828-0058	4.64
Koko Brown	0.35	0.33	0.86	37	34		x		x	0828-0059	7.22
Light Stone	0.56	0.52	0.86	65	60		x		x	0828-0060	48.91
Polar White	0.61	0.60	0.87	73	71		x	x	x	-	63.64
Radiant Red	0.43	0.40	0.86	48	43		x		x	0828-0067	5.35
Regal White	0.55	0.53	0.86	64	61		x		x	-	59.62
Rustic Red	0.37	0.35	0.86	39	37		x		x	0828-0062	9.13
Saddle Tan	0.47	0.45	0.87	53	51		x		x	0828-0063	32.38
Solar White	0.71	0.70	0.86	86	85	x	x	x	x	0828-0064	78.14
Vintage White	0.70	0.68	0.87	85	82	x	x	x	x	-	72.59
Winter White	0.67	0.65	0.86	81	78	x	x	x	x	0828-0065	69.64
Signature 300®											
Aegean Blue	0.29	0.29	0.87	29	29		x			0828-0036	17.70
Almond	0.63	0.57	0.86	75	67		x	x	x	0828-0017	60.01
Bone White	0.70	0.70	0.85	85	85	x	x	x	x	0828-0003	74.72
Brite Red	0.49	0.47	0.84	55	52		x		x	0828-0012	7.01
Brownstone	0.47	0.38	0.86	53	41		x		x	0828-0031	31.23
Classic Green	0.32	0.29	0.86	33	29					0828-0034	6.27
Colonial Red	0.34	0.33	0.86	35	34		x		x	0828-0032	7.56
Everglade	0.33	0.32	0.86	34	33		x		x	0828-0030	14.34
Harbor Blue	0.26	0.26	0.86	25	25					0828-0029	6.94
Hunter Green	0.35	0.35	0.86	37	37		x		x	0828-0027	5.91
Medium Bronze	0.33	0.32	0.86	34	33		x		x	0828-0028	8.20
Midnight Bronze	0.29	0.29	0.87	29	29		x			0828-0026	5.14
Natural Patina	0.41	0.39	0.87	45	43		x		x	0828-0025	35.95
Pacific Blue	0.29	0.29	0.84	28	28					0828-0024	10.01
Polar White	0.70	0.68	0.86	85	82	x	x	x	x	0828-0037	72.58
Regal Gray	0.55	0.54	0.86	64	63		x		x	0828-0038	46.02
Sandstone	0.60	0.59	0.86	71	70		x	x	x	0828-0039	51.30
Slate Gray	0.37	0.37	0.86	39	39		x		x	0828-0019	18.76
Smoke Gray	0.50	0.50	0.86	57	57		x		x	0828-0043	35.95
Snow White	0.65	0.62	0.86	78	74	x	x	x	x	0828-0022	64.00
Spruce	0.36	0.29	0.86	38	29		x			0828-0018	23.01
Terra-Cotta	0.38	0.37	0.87	41	40		x		x	0828-0041	11.92
Tundra	0.46	0.34	0.86	52	35		x		x	0828-0020	31.88
Signature 300® Metallic											
Champagne	0.40	0.40	0.85	43	43		x		x	0828-0045	20.94
Copper Metallic	0.46	0.44	0.83	51	48		x		x	0828-0033	24.64
Dark Gray Metallic	0.35	0.34	0.84	36	35		x		x	0828-0044	16.29
Silver Metallic	0.52	0.48	0.81	58	53		x		x	0828-0023	39.18
Weathered Zinc	0.38	0.38	0.87	41	41		x		x	0828-0042	20.33

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 based on Galvalume® substrate.

Version 4.4