

Product Description	Thermal Emittance ¹ Range 0 to 1	Gloss ² Range 0 to 100	Sheen ³ Range 0 to 100	Solar Reflectance (TSR) ⁴ Range 0 to 1 Range TSR over .25 are Energy Star Rated	Light Reflectance Value (LRV) ⁵ Range 0 to 1	Energy Star Rated	Color Match R value	Color Match G value	Color Match B value
Galvalume Plus (New)	0.31 ± 0.02	28 ± 5	53 ± 10	0.68	65	Yes	*	*	*
Galvalume Plus (Aged - 2 Years)	0.13 ± 0.02	12 ± 5	44 ± 10	0.54	42	Yes	*	*	*
White CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.59	68	Yes	214.47	210.65	217.29
Bright White™ WXL - SW IECC	0.86 ± 0.02	30 ± 5	55 ± 10	0.69	84	Yes	225.00	221.00	234.00
Lt. Gray CERAM-A-STAR™ 1050 CC	0.87 ± 0.02	35 ± 5	70 ± 10	0.48	40	Yes	171.94	162.36	161.11
TIMBER TAN CERAM-A-STAR® 1050 CC®	0.84 ± 0.02	35 ± 5	70 ± 10	0.50	32	Yes	180.81	151.51	127.97
Lt. Stone CERAM-A-STAR™ 1050 CC	0.83 ± 0.02	35 ± 5	70 ± 10	0.59	50	Yes	201.63	186.51	171.49
Black CERAM-A-STAR™ 1050 CC	0.87 ± 0.02	35 ± 5	70 ± 10	0.25	1	No	30.44	29.5	34.44
Matte Black CERAM-A-STAR™ 1050 CC	0.83 ± 0.02	10 ± 5	25 ± 10	0.19	3	No	47.00	47	51
Bright Copper Trinar CC®	0.89 ± 0.02	25 ± 5	50 ± 10	0.42	29	Yes	169.09	114.44	75.76
Silver Metallic Trinar CC®	0.83 ± 0.02	25 ± 5	50 ± 10	0.57	41	Yes	176.16	172.37	179.24
Burgundy CERAM-A-STAR™ 1050	0.89 ± 0.02	35 ± 5	70 ± 10	0.16	7	No	77.87	43.57	52.15
Burnished Slate CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.26	10	Yes	77.17	66.58	59.98
Charcoal CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.33	14	Yes	98.18	89.72	89.94
Cocoa Brown CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.31	11	Yes	95.56	68.83	60.36
Colony Green CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.38	21	Yes	109.75	120.02	107.95
Deep Blue CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.27	12	Yes	60.43	83.82	118.06
Deep Green CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.25	10	Yes	51.94	72.82	65.81
Gold CERAM-A-STAR™ 1050	0.89 ± 0.02	35 ± 5	70 ± 10	0.49	46	Yes	201.39	174.59	128.00
Hawaiian Blue CERAM-A-STAR® 1050 CC™	0.87 ± 0.02	35 ± 5	70 ± 10	0.31	18	Yes	96.11	105.43	108.63
Ivy Green CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.31	8	Yes	13.58	65.05	53.88
Mansard Brown CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.25	8	Yes	72.19	57.18	54.11
Marine Green CERAM-A-STAR™ 1050 CC	0.89 ± 0.02	35 ± 5	70 ± 10	0.39	29	Yes	96.40	144.89	142.39
Red CERAM-A-STAR™ 1050 CC	0.86 ± 0.02	35 ± 5	70 ± 10	0.36	12	Yes	136.80	63.29	50.93
New Primer	N/A	N/A	N/A	0.45	44	N/A	*	*	*
Off White Backer	0.89 ± 0.02	35 ± 5	N/A	0.46	62	N/A	*	*	*
Chestnut Brown CERAM-A-STAR® 1050 CC™	0.89 ± 0.02	15 ± 5	30 ± 10	0.29	13	Yes	104.97	86.59	71.60
Deep River Blue CERAM-A-STAR® 1050 CC™	0.89 ± 0.02	15 ± 5	30 ± 10	0.26	12	Yes	79.29	85.08	103.27
Desert Tan CERAM-A-STAR® 1050 CC™	0.87 ± 0.02	15 ± 5	30 ± 10	0.44	28	Yes	162.84	142.03	127.38
Forest Green CERAM-A-STAR® 1050 CC™	0.89 ± 0.02	15 ± 5	30 ± 10	0.25	9	Yes	63.14	71.20	68.57
Patriot Red CERAM-A-STAR™ 1050 CC	0.80 ± 0.02	15 ± 5	30 ± 10	0.42	9	Yes	164.70	39.09	45.47
Rustic Brown CERAM-A-STAR® 1050 CC™	0.89 ± 0.02	15 ± 5	30 ± 10	0.31	14	Yes	125.18	81.57	75.39
Saddle Leather Tan CERAM-A-STAR® 1050 CC™	0.89 ± 0.02	15 ± 5	30 ± 10	0.30	14	Yes	110.84	86.82	77.97
Smoke Stack Gray CERAM-A-STAR® 1050 CC™	0.88 ± 0.02	15 ± 5	30 ± 10	0.31	17	Yes	105.59	115.48	124.10
Smoky Pewter CERAM-A-STAR® 1050 CC™	0.84 ± 0.02	15 ± 5	30 ± 10	0.45	31	Yes	159.75	147.25	142.49
Sunset Red CERAM-A-STAR® 1050 CC™	0.89 ± 0.02	15 ± 5	30 ± 10	0.39	15	Yes	156.18	77.05	59.82
Twilight Gray CERAM-A-STAR® 1050 CC™	0.84 ± 0.02	15 ± 5	30 ± 10	0.59	51	Yes	205.35	187.10	181.95
MEDIUM BRONZE WXL -SW	0.86 ± 0.02	30 ± 5	60 ± 10	0.29	N/A	Yes	92.00	79.00	68.00
DARK BRONZE WXL -SW	0.87 ± 0.02	30 ± 5	60 ± 10	0.25	N/A	Yes	58.00	50.00	50.00
SPECIAL AGED BRONZE WXL -SW	0.86 ± 0.02	30 ± 5	60 ± 10	0.20	N/A	No	82.00	67.00	61.00
Dark CHARCOAL WXL -SW	0.86 ± 0.02	30 ± 5	60 ± 10	0.18	N/A	No	74.00	72.00	72.00

¹ASTM E 408 "Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques"

²ASTM D 523 "Standard Test Method for Specular Gloss". Measured at 60 degree geometry.

³ASTM D 523 "Standard Test Method for Specular Gloss". Measured at 85 degree geometry.

⁴ASTM C 1549 "Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer"

⁵ASTM E 1477 "Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers". Cap Y tristimulus value is measured using D65 illuminant.