

GAF Solar Reflective Products and Ratings for Coatings - Updated 4-5-23

All Listed Products (click on the product name for product information and submittal documents)

Thermal emittance and solar reflectance values shown on this table are values obtained for CRRC ratings. Other values for reflectance or emittance may vary based on test requirements. Title 24 is based on requirements effective January 1, 2020. Aged SRI (Title 24) is calculated using Aged Reflectivity and Initial Emissivity.

Program Link	Initial Solar Reflectance	3 Yr. Solar Reflectance	Initial Thermal Emittance	3 Yr. Thermal Emittance	Initial SRI	Aged SRI	Aged SRI (Title 24)	CRRC Product ID	Title 24	City of LA/LA County	LEED v4 Credit
GAF Surface Seal SB (White)	0.84	0.65*	0.89	0.89*	105	78*	79**	0676-0007 (rough)	Yes	Yes	Contributes
GAF Surface Seal SB (White) & TOPCOAT® Surface Seal SB (White)	0.84	0.59	0.90	0.87	106	70	71	0676-0007 (smooth)	Not Eligible	Not Eligible	Contributes
GAF EnergyCote™ Roof Coating & United Coatings™ EnergyCote™ Roof Coating (White)	0.91	0.78	0.87	0.89	115	97	97	0676-0023 (smooth)	Yes	Yes	Contributes
United Coatings™ Diathon® Roof Coating (White)	0.83	0.71	0.92	0.90	105	87	88	0676-0106 (smooth)	Yes	Yes	Contributes
United Coatings™ Diathon® Roof Coating (Tan)	0.67	0.44	0.90	0.89	81	50	50	0676-0107 (smooth)	Not Eligible	Not Eligible	Not Eligible
United Coatings™ Diathon® Roof Coating (Light Tan)	0.71	0.59	0.93	0.90	88	71	71	0676-0108 (smooth)	Not Eligible	Not Eligible	Contributes
United Coatings™ Diathon® HT Roof Coating (White)	0.83	0.71	0.91	0.91	104	87	88	0676-0109a (smooth)	Yes	Yes	Contributes
GAF Elastuff® 103 Roof Coating & United Coatings™ Elastuff® 103 Roof Coating (White)	0.83	0.68*	0.91	0.91*	104	83*	83**	0676-0110a (rough)	Yes	Yes	Contributes
GAF Elastuff® 103 Roof Coating & United Coatings™ Elastuff™ 103 Roof Coating (White)	0.85	0.72*	0.91	0.90*	108	89*	89**	0676-0110a (smooth)	Yes	Yes	Contributes
GAF Kymax™ Coating & United Coatings™ Kymax™ Coating (White)	0.78	0.69*	0.92	0.91*	98	85*	85**	0676-0111a (rough)	Yes	Yes	Contributes
GAF Kymax™ Coating & United Coatings™ Kymax™ Coating (White)	0.89	0.83	0.89	0.88	112	103	104	0676-0111a (smooth)	Yes	Yes	Contributes
GAF Acrylic Top Coat & United Coatings™ Roof Mate™ Top Coat and Roof Mate™ Top Coat (White)	0.83	0.71	0.92	0.90	105	87	88	0676-0113 (smooth)	Yes	Yes	Contributes
GAF Acrylic Top Coat & United Coatings™ Roof Mate™ Top Coat and Roof Mate™ Top Coat (White)	0.83	0.72*	0.91	0.92*	104	89*	89**	0676-0113 (rough)	Yes	Yes	Contributes
GAF Acrylic Top Coat & United Coatings™ Roof Mate™ Top Coat and Roof Mate™ Top Coat (Light Tan)	0.71	0.59	0.93	0.90	88	71	71	0676-0114 (smooth)	Not Eligible	Not Eligible	Contributes
GAF Acrylic Top Coat (Light Tan)	0.64	0.56*	0.90	0.91*	78	67*	66**	0676-0114 (rough)	Not Eligible	Not Eligible	Contributes
GAF Acrylic Top Coat & United Coatings™ Roof Mate™ Top Coat (Tan)	0.67	0.44	0.90	0.89	81	50	50	0676-0115 (smooth)	Not Eligible	Not Eligible	Contributes
GAF Acrylic Top Coat & United Coatings™ Roof Mate™ Top Coat (Tan)	0.62	0.53*	0.91	0.91*	74	63*	63**	0676-0115 (rough)	Not Eligible	Not Eligible	Not Eligible
GAF High Tensile Acrylic Top Coat & United Coatings™ Roof Mate™ HT Coating (White)	0.83	0.71	0.91	0.91	104	87	88	0676-0116a (smooth)	Not Eligible	Not Eligible	Contributes
GAF High Tensile Acrylic Top Coat & United Coatings™ Roof Mate™ HT Coating (White)	0.81	0.69*	0.91	0.90*	101	84*	84**	0676-0116a (rough)	Not Eligible	Not Eligible	Contributes
GAF Bleed-Block Acrylic Base Coat & United Coatings™ Roof Mate™ MB Plus Coating (White)	0.83	0.74	0.88	0.85	105	90	91	0676-0117 (smooth)	Not Eligible	Not Eligible	Contributes
GAF Bleed-Block Acrylic Base Coat & United Coatings™ Roof Mate™ MB Plus Coating (White)	0.81	0.70*	0.91	0.90*	102	86*	86**	0676-0117 (rough)	Not Eligible	Not Eligible	Contributes
GAF Surface Seal SB Roof Coating & United Coatings™ Surface Seal SB Roof Coating (White)	0.84	0.59	0.90	0.87	106	70	71	0676-0121 (smooth)	Not Eligible	Not Eligible	Contributes
GAF Premium Acrylic HydroStop® Top Coat & HydroStop® PremiumCoat® Finish Coat (White)	0.86	0.73	0.90	0.92	108	91	90	0676-0125a (smooth)	Yes	Yes	Contributes
GAF Premium Acrylic HydroStop® Top Coat (White)	0.84	0.70*	0.89	0.89*	105	86*	86**	0676-0125a (rough)	Yes	Yes	Contributes
GAF Premium Acrylic HydroStop® Top Coat & HydroStop® PremiumCoat® Finish Coat (Cotton)	0.71	0.67	0.90	0.90	87	81	82	0676-0126 (smooth)	Yes	Yes	Contributes
GAF Premium Acrylic HydroStop® Top Coat (Cotton)	0.69	0.58*	0.90	0.90*	84	69*	69**	0676-0126 (rough)	Not Eligible	Not Eligible	Contributes
United Coatings™ Unisil II Silicone Roof Coating (White)	0.87	0.73	0.90	0.90	110	90	90	0676-0144 (smooth)	Yes	Yes	Contributes

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United Coatings™ Unisil HS II High Solids Silicone Roof Coating (White)	0.89	0.73	0.89	0.88	112	89	90	0676-0145 (smooth)	Yes	Yes	Contributes
GAF I.S. Acrylic Top Coat & United Coatings™ RoofShield® I.S. Fast Dry Elastomeric Acrylic Coating	0.87	0.71	0.90	0.90	110	87	87	0676-0154 (smooth)	Yes	Yes	Contributes
Unisil Silicone Roof Coating (White)	0.83	0.68*	0.91	0.90*	104	83*	83**	0676-0156 (rough)	Yes	Yes	Contributes
Unisil Silicone Roof Coating (White)	0.83	0.72	0.89	0.90	104	88	88	0676-0156 (smooth)	Yes	Yes	Contributes
Unisil High Solids Silicone Roof Coating (White)	0.81	0.67*	0.93	0.94*	102	82*	82**	0676-0157 (rough)	Yes	Yes	Contributes
Unisil High Solids Silicone Roof Coating (White)	0.84	0.71	0.91	0.90	106	87	87	0676-0157 (smooth)	Yes	Yes	Contributes

*CRRC Rapid Ratings (Interim laboratory-aged values that simulate weathered values which will be replaced with the measured three-year aged values upon completion of the weathering process.)

**These are calculated values per Title 24 requirements and are not reflected on the CRRC website