

GAF Solar Reflective Products and Ratings for Cap Sheets, TPO and PVC - Updated 4-12-23

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
CAP SHEETS											
Ruberoid® EnergyCap™ 30 Granule FR (White)	0.73	0.65*	0.90	0.89*	90	78*	79**	0676-0017b	Yes	Yes	Contributes
GAFLAS® EnergyCap™ Mineral-Surfaced Cap Sheet (White)	0.74	0.68*	0.90	0.87*	92	82*	83**	0676-0021b	Yes	Yes	Contributes
Ruberoid® EnergyCap™ Torch Granule FR (White)	0.75	0.67*	0.90	0.88*	93	81*	82**	0676-0025b	Yes	Yes	Contributes
Ruberoid® EnergyCap™ HW Plus Granule FR (White)	0.73	0.65*	0.90	0.88*	90	78*	79**	0676-0026a	Yes	Yes	Contributes
Ruberoid® EnergyCap™ Mop Plus Granule FR (White)	0.74	0.66*	0.90	0.89*	92	80*	80**	0676-0086a	Yes	Yes	Contributes
Ruberoid® UltraClad® SBS Membrane (Metallic)	0.87	0.70	0.05	0.12	94	60	57	0676-0161	Not Eligible	Not Eligible	Contributes
SINGLE PLY MEMBRANES (TPO)											
EverGuard® TPO (White)	0.76	0.68	0.90	0.83	94	81	83	0676-0001	Yes	Yes	Contributes
EverGuard® TPO (Tan)	0.65	0.59	0.90	0.84	79	69	71	0676-0002	Not Eligible	Not Eligible	Contributes
EverGuard® TPO (Gray)	0.59	0.55*	0.90	0.90*	70	65*	65**	0676-0003a	Not Eligible	Not Eligible	Contributes
EverGuard® TPO FB Ultra and EverGuard® TPO Fleece-Back Membrane (White)	0.76	0.68	0.90	0.83	94	81	83	0676-0027	Yes	Yes	Contributes
EverGuard® TPO FB Ultra and EverGuard® TPO Fleece-Back Membrane (Tan)	0.65	0.59	0.90	0.84	79	69	71	0676-0028	Not Eligible	Not Eligible	Contributes
EverGuard® TPO FB Ultra and EverGuard® TPO Fleece-Back Membrane (Gray)	0.59	0.55*	0.90	0.90*	70	65*	65**	0676-0029	Not Eligible	Not Eligible	Contributes
EverGuard® TPO (Energy Tan)	0.72	0.66	0.89	0.89	88	80	80	0676-0039	Yes	Yes	Contributes
EverGuard® TPO (Energy Gray)	0.72	0.67	0.87	0.90	88	82	81	0676-0045	Yes	Yes	Contributes
EverGuard Extreme® TPO (White)	0.83	0.72	0.84	0.91	104	89	87	0676-0088	Yes	Yes	Contributes
EverGuard Extreme® TPO FB Ultra and EverGuard Extreme® TPO Fleece-Back Membrane (White)	0.83	0.72	0.84	0.91	104	89	87	0676-0094	Yes	Yes	Contributes
EverGuard Extreme® TPO (Energy Gray)	0.73	0.66	0.90	0.89	90	80	80	0676-0101	Yes	Yes	Contributes
EverGuard® SA TPO (White)	0.81	0.65*	0.90	0.91*	101	79*	79**	0676-0159	Yes	Yes	Contributes
SINGLE PLY MEMBRANES (PVC)											
EverGuard® PVC Smooth (White)	0.87	0.76	0.88	0.84	110	93	94	0676-0090	Yes	Yes	Contributes
EverGuard® PVC XK Fleeceback (White)	0.87	0.76	0.88	0.84	110	93	94	0676-0091	Yes	Yes	Contributes
EverGuard® PVC XK (White)	0.87	0.76	0.88	0.84	110	93	94	0676-0092	Yes	Yes	Contributes
EverGuard® PVC (White)	0.87	0.70	0.87	0.88	110	86	85	0676-0134a	Yes	Yes	Contributes
EverGuard® PVC Fleeceback (White)	0.87	0.70	0.87	0.88	110	86	85	0676-0134a	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