

## GAF Energy Saving Products and Ratings - Updated 3/18/19

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

**Title 24 is based on new requirements effective July 1, 2014. Aged SRI (Title 24) is calculated using Aged Reflectivity and Initial Emissivity.**

**\*Calculated value per Title 24 requirements.**

Program Link	Initial Reflectivity	3 Yr. Reflectivity	Initial Emissivity	3 Yr. Emissivity	Initial SRI	Aged SRI	Aged SRI (Title 24)	Low Slope	Steep Slope	CRRC Product ID #	Title 24	Miami 21	LEED Credit*	Energy Star
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### Product Area: Cap Sheets

<a href="#">GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet (White)</a>	0.72	0.60	0.91	0.89	89	72	72	X	--	0676-0021a	Not Eligible	Yes	Contributes	Yes
<a href="#">Ruberoid® EnergyCap™ 30 Granule FR (White)</a>	0.71	0.59	0.90	0.89	87	70	71	X	--	0676-0017a	Not Eligible	Yes	Contributes	Yes
<a href="#">Ruberoid® EnergyCap™ HW Plus Granule FR (White)</a>	0.75	0.60	0.82	0.80	91	69	70	X	--	0676-0026	Not Eligible	Yes	Contributes	Yes
<a href="#">Ruberoid® EnergyCap™ Mop Plus Granule FR (White)</a>	0.74	0.59	0.84	0.88	90	70	69	X	--	0676-0086	Not Eligible	Yes	Contributes	Yes
<a href="#">Ruberoid® EnergyCap™ Torch Granule FR (White)</a>	0.72	0.56*	0.91	Pending	89	Pending	67	X	--	0676-0025a	Not Eligible	Yes	Contributes	Yes
<a href="#">Ruberoid® EnergyCap™ Torch Plus Granule FR (white)</a>	0.74	0.64	0.90	0.89	91	77	78	X	--	0676-0019a	Yes	Yes	Contributes	Yes

### Product Area: Coatings

<a href="#">HydroStop® PremiumCoat® Finish Coat (Cotton)</a>	0.71	0.67	0.90	0.9	87	82	82	X	X	0676-0126	Yes	Yes	Contributes	Yes
<a href="#">HydroStop® PremiumCoat® Finish Coat (White)</a>	0.79	0.7	0.90	0.9	99	86	86	X	X	0676-0125	Yes	Yes	Contributes	Yes
<a href="#">TOPCOAT® MB Plus (White)</a>	0.83	0.74	0.88	0.85	104	90	91	X	X	0676-0008	Not Eligible	Yes	Contributes	Yes
<a href="#">TOPCOAT® Membrane (White)</a>	0.85	0.69	0.90	0.88	107	84	84	X	X	0676-0006	Yes	Yes	Contributes	Yes
<a href="#">TOPCOAT® Surface Seal SB (White)</a>	0.84	0.59	0.90	0.87	106	70	71	X	X	0676-0007	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Acron 60 Roof Coating (White)</a>	0.84	0.66	0.88	0.88	105	80	80	X	X	0676-0104	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Diathon® HT Roof Coating (White)</a>	0.82	0.72	0.89	0.9	103	89	88	X	X	0676-0109	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Diathon® Roof Coating (Light Tan)</a>	0.71	0.59	0.93	0.9	88	71	71	X	X	0676-0108	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Diathon® Roof Coating (Tan)</a>	0.67	0.44	0.90	0.89	82	50	50	X	X	0676-0107	Not Eligible	Not Eligible	Contributes	Not Eligible
<a href="#">United Coatings™ Diathon® Roof Coating (White)</a>	0.83	0.71	0.92	0.9	105	87	88	X	X	0676-0106	Yes	Yes	Contributes	Yes
<a href="#">United Coatings™ Elastuff™ 103 Roof Coating (White)</a>	0.81	0.68	0.89	0.88	101	83	83	X	X	0676-0110	Not Eligible	Yes	Contributes	Yes

Program Link	Initial Reflectivity	3 Yr. Reflectivity	Initial Emissivity	3 Yr. Emissivity	Initial SRI	Aged SRI	Aged SRI (Title 24)	Low Slope	Steep Slope	CRRC Product ID #	Title 24	Miami 21	LEED Credit*	Energy Star
<a href="#">United Coatings™ EnergyCote™ Roof Coating (White)</a>	0.91	0.78	0.87	0.89	115	97	97	X	X	0676-0023	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Kymax™ Coating (White)</a>	0.87	0.77	0.87	0.86	110	95	95	X	X	0676-0111	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Roof Mate™ HT Coating (White)</a>	0.82	0.72	0.89	0.9	103	89	88	X	X	0676-0116	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Roof Mate™ MB Plus Coating (White)</a>	0.83	0.74	0.88	0.85	104	90	91	X	X	0676-0117	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Roof Mate™ TCM Coating (White)</a>	0.85	0.69	0.90	0.88	107	84	84	X	X	0676-0118	Yes	Yes	Contributes	Yes
<a href="#">United Coatings™ Roof Mate™ Top Coat (Light Tan)</a>	0.71	0.59	0.93	0.9	88	71	71	X	X	0676-0114	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Roof Mate™ Top Coat (Tan)</a>	0.67	0.44	0.90	0.89	82	50	50	X	X	0676-0115	Not Eligible	Not Eligible	Contributes	Not Eligible
<a href="#">United Coatings™ Roof Mate™ Top Coat (White)</a>	0.83	0.71	0.92	0.9	105	87	88	X	X	0676-0113	Yes	Yes	Contributes	Yes
<a href="#">United Coatings™ Roofshield® Coating (Tan)</a>	0.66	0.48	0.90	0.89	80	55	56	X	X	0676-0120	Not Eligible	Not Eligible	Contributes	Not Eligible
<a href="#">United Coatings™ Roofshield® Coating (White)</a>	0.84	0.67	0.90	0.89	106	81	82	X	X	0676-0119	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Surface Seal SB Roof Coating (White)</a>	0.84	0.59	0.90	0.87	106	70	71	X	X	0676-0121	Not Eligible	Yes	Contributes	Yes
<a href="#">United Coatings™ Unisil HS Roof Coating (White)</a>	0.87	0.7	0.89	0.9	110	86	86	X	X	0676-0124	Yes	Yes	Contributes	Yes
<a href="#">United Coatings™ Unisil Roof Coating (White)</a>	0.85	0.66	0.85	0.9	106	80	79	X	X	0676-0123	Yes	Yes	Contributes	Yes

**Product Area: Polyiso Insulated**

**Sheathing**

<a href="#">EnergyGuard™ Polyiso Insulated Sheathing</a>													Contributes	Yes
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**Product Area: Shingles**

<a href="#">Glenwood™ (Golden Prairie)</a>	0.17	0.19	0.92	0.90	16	18	17	--	X	0676-0103	Yes	Yes	Not Eligible	Not Eligible
<a href="#">Grand Sequoia® Reflector Series - Charcoal (Fontana, CA plant)</a>	0.18	0.19*	0.92	Pending	17	Pending	19	--	X	0676-0143	Yes	Yes	Not Eligible	Pending
<a href="#">Grand Sequoia® Reflector Series - Forest Brown (Fontana, CA plant)</a>	0.19	0.19*	0.92	Pending	19	Pending	19	--	X	0676-0140	Yes	Yes	Not Eligible	Pending
<a href="#">Grand Sequoia® Reflector Series - Ocean Gray (Fontana, CA plant)</a>	0.19	0.19*	0.92	Pending	19	Pending	19	--	X	0676-0142	Yes	Yes	Not Eligible	Pending
<a href="#">Grand Sequoia® Reflector Series - Sagewood (Fontana, CA plant)</a>	0.20	0.20*	0.92	Pending	20	Pending	20	--	X	0676-0139	Yes	Yes	Not Eligible	Pending

Program Link	Initial Reflectivity	3 Yr. Reflectivity	Initial Emissivity	3 Yr. Emissivity	Initial SRI	Aged SRI	Aged SRI (Title 24)	Low Slope	Steep Slope	CRRC Product ID #	Title 24	Miami 21	LEED Credit*	Energy Star
<a href="#">Grand Sequoia® Reflector Series - Sandalwood (Fontana, CA plant)</a>	0.20	0.20*	0.92	Pending	20	Pending	20	--	X	0676-0141	Yes	Yes	Not Eligible	Pending
<a href="#">Royal Sovereign® (White)</a>	0.27	0.27	0.91	0.84	28	25	28	--	X	0676-0033	Yes	Yes	Not Eligible	Yes
<a href="#">Timberline HD® - White (Tampa, FL plant)</a>	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0030	Yes	Yes	Not Eligible	Yes
<a href="#">Timberline HD® Reflector Series - Copper Canyon (Shafter, CA plant)</a>	0.17	0.18	0.92	0.90	16	16	17	--	X	0676-0097	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Aged Chestnut (Shafter, CA plant)</a>	0.18	0.19*	0.90	Pending	16	Pending	18	--	X	0676-0130a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Birchwood (Shafter, CA plant)</a>	0.20	0.23	0.92	0.93	20	24	24	--	X	0676-0096	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Charcoal (Shafter, CA plant)</a>	0.16	0.17*	0.92	Pending	15	Pending	16	--	X	0676-0136	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Coastal Slate (Shafter, CA plant)</a>	0.18	0.19*	0.91	Pending	17	Pending	18	--	X	0676-0131a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Golden Amber (Shafter, CA plant)</a>	0.20	0.22	0.92	0.89	20	21	22	--	X	0676-0098	Yes	Yes	Not Eligible	Not Eligible
<a href="#">Timberline HD® Reflector Series - Hickory (Shafter, CA plant)</a>	0.18	0.19*	0.91	Pending	17	Pending	19	--	X	0676-0138	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Sagewood (Shafter, CA plant)</a>	0.19	0.19*	0.91	Pending	18	Pending	18	--	X	0676-0132a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Sandalwood (Shafter, CA plant)</a>	0.21	0.21*	0.91	Pending	21	Pending	21	--	X	0676-0133a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline HD® Reflector Series - Stone Gray (Shafter, CA plant)</a>	0.17	0.18*	0.91	Pending	16	Pending	17	--	X	0676-0137	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® - Sagewood (Shafter, CA plant)</a>	0.19	0.19*	0.91	Pending	18	Pending	18	--	X	0676-0132a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® Reflector Series - Hickory (Shafter, CA plant)</a>	0.18	0.19*	0.91	Pending	17	Pending	19	--	X	0676-0138	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® Reflector Series - Aged Chestnut (Shafter, CA plant)</a>	0.18	0.19*	0.90	Pending	16	Pending	18	--	X	0676-0130a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® Reflector Series - Birchwood (Shafter, CA plant)</a>	0.20	0.23	0.92	0.93	20	24	24	--	X	0676-0096	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® Reflector Series - Charcoal (Shafter, CA plant)</a>	0.16	0.17*	0.92	Pending	15	Pending	16	--	X	0676-0136	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® Reflector Series - Coastal Slate (Shafter, CA plant)</a>	0.18	0.19*	0.91	Pending	17	Pending	18	--	X	0676-0131a	Yes	Yes	Not Eligible	Pending

Program Link	Initial Reflectivity	3 Yr. Reflectivity	Initial Emissivity	3 Yr. Emissivity	Initial SRI	Aged SRI	Aged SRI (Title 24)	Low Slope	Steep Slope	CRRC Product ID #	Title 24	Miami 21	LEED Credit*	Energy Star
<a href="#">Timberline Ultra HD® Reflector Series - Sandalwood (Shafter, CA)</a>	0.21	0.21*	0.91	Pending	21	Pending	21	--	X	0676-0133a	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline Ultra HD® Reflector Series - Stone Gray (Shafter, CA plant)</a>	0.17	0.18*	0.91	Pending	16	Pending	17	--	X	0676-0137	Yes	Yes	Not Eligible	Pending
<a href="#">Timberline® American Harvest® (Amber Wheat)</a>	0.18	0.19	0.92	0.90	17	18	19	--	X	0676-0099	Yes	Yes	Not Eligible	Not Eligible
<a href="#">Timberline® Cool Series® - Cool Antique Slate</a>	0.28	0.26	0.92	0.91	30	27	28	--	X	0676-0043a	Yes	Yes	Not Eligible	Yes
<a href="#">Timberline® Cool Series® - Cool Barkwood</a>	0.27	0.26	0.90	0.92	28	28	27	--	X	0676-0041a	Yes	Yes	Not Eligible	Yes
<a href="#">Timberline® Cool Series® - Cool Weathered Wood</a>	0.28	0.27	0.92	0.90	30	28	29	--	X	0676-0042a	Yes	Yes	Not Eligible	Yes
<a href="#">Timberline® Natural Shadow® Arctic White</a>	0.26	0.29	0.85	0.78	24	25	28	-	X	0676-0089	Yes	Yes	Not Eligible	Yes

**Product Area: Single Ply**

<a href="#">EverGuard Extreme® TPO (Energy Gray)</a>	0.73	0.66	0.90	0.89	90	80	80	X	X	0676-0101	Not Eligible	Yes	Contributes	Pending
<a href="#">EverGuard Extreme® TPO (White)</a>	0.83	0.72	0.84	0.91	103	89	87	X	X	0676-0088	Yes	Yes	Contributes	Yes
<a href="#">EverGuard Extreme® TPO FB Ultra (White)</a>	0.83	0.72	0.84	0.91	103	89	87	X	X	0676-0094	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® Freedom™ TPO (Gray)</a>	0.40	0.42	0.89	0.86	45	46	47	X	X	0676-0038	Not Eligible	Not Eligible	Not Eligible	Not Eligible
<a href="#">EverGuard® Freedom™ TPO (Tan)</a>	0.65	0.59	0.90	0.84	79	69	71	X	X	0676-0037	Not Eligible	Yes	Contributes	Yes
<a href="#">EverGuard® Freedom™ TPO (White)</a>	0.76	0.68	0.90	0.83	94	81	83	X	X	0676-0013	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® PVC (White)</a>	0.87	0.81**	0.88	0.89**	110	Pending	101	X	X	0676-0134	Yes	Yes	Contributes	Pending
<a href="#">EverGuard® PVC Fleeceback (White)</a>	0.87	0.81**	0.88	0.89**	110	Pending	101	X	--	0676-0134	Yes	Yes	Contributes	Pending
<a href="#">EverGuard® PVC Smooth (White)</a>	0.87	0.76	0.87	0.84	110	93	94	X	X	0676-0090	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® PVC XK (White)</a>	0.87	0.76	0.87	0.84	110	93	94	X	X	0676-0092	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® PVC XK Fleeceback (White)</a>	0.87	0.76	0.87	0.84	110	93	94	X	X	0676-0091	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® TPO (Energy Gray)</a>	0.72	0.67	0.87	0.90	88	82	81	X	X	0676-0045	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® TPO (Energy Tan)</a>	0.72	0.66	0.89	0.89	88	80	80	X	X	0676-0039	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® TPO (Gray)</a>	0.40	0.42	0.89	0.86	45	46	47	X	X	0676-0003	Not Eligible	Not Eligible	Not Eligible	Not Eligible

Program Link	Initial Reflectivity	3 Yr. Reflectivity	Initial Emissivity	3 Yr. Emissivity	Initial SRI	Aged SRI	Aged SRI (Title 24)	Low Slope	Steep Slope	CRRC Product ID #	Title 24	Miami 21	LEED Credit*	Energy Star
<a href="#">EverGuard® TPO (Tan)</a>	0.65	0.59	0.90	0.84	79	69	71	X	X	0676-0002	Not Eligible	Yes	Contributes	Yes
<a href="#">EverGuard® TPO (White)</a>	0.76	0.68	0.90	0.83	94	81	83	X	X	0676-0001	Yes	Yes	Contributes	Yes
<a href="#">EverGuard® TPO FB Ultra (Gray)</a>	0.40	0.42	0.89	0.86	45	46	47	X	X	0676-0029	Not Eligible	Not Eligible	Not Eligible	Not Eligible
<a href="#">EverGuard® TPO FB Ultra (Tan)</a>	0.65	0.59	0.90	0.84	79	69	71	X	X	0676-0028	Not Eligible	Yes	Contributes	Yes
<a href="#">EverGuard® TPO FB Ultra (White)</a>	0.76	0.68	0.90	0.83	94	81	83	X	X	0676-0027	Yes	Yes	Contributes	Yes

Thermal emittance and solar reflectance values shown on this table are values obtained for CRRC ratings. Other values for reflectance or emittance may vary

\*Refer to LEED v4 SSc5: Heat Island Reduction for complete credit requirements and compliance paths