GAF Energy Saving Products and Ratings

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
Product Area: Cap Sheets														
GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet (White)	0.72	0.56*	0.91	Pending	89	Pending	67	X	--	0676-0021a	Not Eligible	Yes	Contributes (LEED 2009)	Yes
Ruberoid® EnergyCap™ 30 Granule FR (White)	0.71	0.56*	0.90	Pending	87	Pending	67	X	--	0676-0017a	Not Eligible	Yes	Contributes (LEED 2009)	Yes
Ruberoid® EnergyCap™ HW Plus Granule FR (White)	0.75	0.60	0.82	0.80	91	69	70	X	--	0676-0026	Not Eligible	Yes	Contributes	Yes
Ruberoid® EnergyCap™ Mop Plus Granule FR (White)	0.74	0.59	0.84	0.88	90	70	69	X	--	0676-0086	Not Eligible	Yes	Contributes	Yes
Ruberoid® EnergyCap™ Torch Granule FR (White)	0.72	0.56*	0.91	Pending	89	Pending	67	X	--	0676-0025a	Not Eligible	Yes	Contributes (LEED 2009)	Yes
Ruberoid® EnergyCap™ Torch Plus Granule FR (white)	0.74	0.58*	0.90	Pending	91	Pending	69	X	--	0676-0019a	Not Eligible	Yes	Contributes (LEED 2009)	Yes
Product Area: Coatings														
HydroStop® PremiumCoat® Finish Coat (Cotton)	0.71	0.67	0.90	0.9	87	82	82	X	X	0676-0126	Yes	Yes	Contributes	Yes
HydroStop® PremiumCoat® Finish Coat (White)	0.79	0.7	0.90	0.9	99	86	86	X	X	0676-0125	Yes	Yes	Contributes	Yes
Sealoflex® Finish Coat (White)	0.85	0.79	0.92	0.89	107	98	99	X	--	1168-0002	Yes	Yes	Contributes	Yes
TOPCOAT® EnergyCote™ Elastomeric Coating (White)	0.91	0.78	0.87	0.89	115	97	97	X	X	0676-0023	Not Eligible	Yes	Contributes	Yes
TOPCOAT® Fireshield® MB (White)	0.72	0.69	0.91	0.90	89	84	85	X	X	Not Rated	Not Eligible	Yes	Contributes	Yes
TOPCOAT® MB Plus (White)	0.83	0.74	0.88	0.85	104	90	91	X	X	0676-0008	Not Eligible	Yes	Contributes	Yes
TOPCOAT® Membrane (White)	0.85	0.69	0.90	0.88	107	84	84	X	X	0676-0006	Yes	Yes	Contributes	Yes
TOPCOAT® Surface Seal SB (White)	0.84	0.59	0.90	0.87	106	70	71	X	X	0676-0007	Not Eligible	Yes	Contributes	Yes
United Coatings™ Acron 60 Roof Coating (Tan)	0.66	0.48	0.90	0.89	80	55	56	X	X	0676-0105	Not Eligible	Not Eligible	Contributes (LEED 2009)	Not Eligible
United Coatings™ Acron 60 Roof Coating (White)	0.84	0.66	0.88	0.88	105	80	80	X	X	0676-0104	Not Eligible	Yes	Contributes	Yes
United Coatings™ Diathon® HT Roof Coating (White)	0.82	0.72	0.89	0.9	103	89	88	X	X	0676-0109	Not Eligible	Yes	Contributes	Yes
United Coatings™ Diathon® Roof Coating (Light Tan)	0.71	0.59	0.93	0.9	88	71	71	X	X	0676-0108	Not Eligible	Yes	Contributes	Yes
United Coatings™ Diathon® Roof Coating (Tan)	0.67	0.44	0.90	0.89	82	50	50	X	X	0676-0107	Not Eligible	Not Eligible	Contributes (LEED 2009)	Not Eligible
United Coatings™ Diathon® Roof Coating (White)	0.83	0.71	0.92	0.9	105	87	88	X	X	0676-0106	Yes	Yes	Contributes	Yes

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
United Coatings™ Elastuff™ 103 Roof Coating (White)	0.81	0.68	0.89	0.88	101	83	83	X	X	0676-0110	Not Eligible	Yes	Contributes	Yes
United Coatings™ Kymax™ Coating (White)	0.87	0.77	0.87	0.86	110	95	95	X	X	0676-0111	Not Eligible	Yes	Contributes	Yes
United Coatings™ Roof Mate™ HT Coating (White)	0.82	0.72	0.89	0.9	103	89	88	X	X	0676-0116	Not Eligible	Yes	Contributes	Yes
United Coatings™ Roof Mate™ MB Plus Coating (White)	0.83	0.74	0.88	0.85	104	90	91	X	X	0676-0117	Yes	Yes	Contributes	Yes
United Coatings™ Roof Mate™ TCM Coating (White)	0.85	0.69	0.90	0.88	107	84	84	X	X	0676-0118	Yes	Yes	Contributes	Yes
United Coatings™ Roof Mate™ Top Coat (Light Tan)	0.71	0.59	0.93	0.9	88	71	71	X	X	0676-0114	Not Eligible	Yes	Contributes	Yes
United Coatings™ Roof Mate™ Top Coat (Tan)	0.67	0.44	0.90	0.89	82	50	50	X	X	0676-0115	Not Eligible	Not Eligible	Contributes (LEED 2009)	Not Eligible
United Coatings™ Roof Mate™ Top Coat (White)	0.83	0.71	0.92	0.9	105	87	88	X	X	0676-0113	Yes	Yes	Contributes	Yes
United Coatings™ Roofshield® Coating (Tan)	0.66	0.48	0.90	0.89	80	55	56	X	X	0676-0120	Not Eligible	Not Eligible	Contributes (LEED 2009)	Not Eligible
United Coatings™ Roofshield® Coating (White)	0.84	0.67	0.90	0.89	106	81	82	X	X	0676-0119	Not Eligible	Yes	Contributes	Yes
United Coatings™ Surface Seal SB Roof Coating (White)	0.84	0.59	0.90	0.87	106	70	71	X	X	0676-0121	Not Eligible	Yes	Contributes	Yes
United Coatings™ Unisil HS Roof Coating (White)	0.87	0.7	0.89	0.9	110	86	86	X	X	0676-0124	Yes	Yes	Contributes	Yes
United Coatings™ Unisil Roof Coating (White)	0.85	0.66	0.85	0.9	106	80	79	X	X	0676-0123	Yes	Yes	Contributes	Yes
Product Area: Insulation Products														
EnergyGuard™ Polyiso Insulated Sheathing													**Contributes**	Link to ES Report
Product Area: Shingle Products														
Glenwood™ (Golden Prairie)	0.17	0.18*	0.92	Pending	16	Pending	17	--	X	0676-0103	Yes	Yes	Not Eligible	Pending
Royal Sovereign® (Desert Sand)	0.19	0.19*	0.92	Pending	19	Pending	19	--	X	0676-0100	Yes	Yes	Not Eligible	Pending
Royal Sovereign® (White)	0.27	0.27	0.91	0.84	28	25	28	--	X	0676-0033	Yes	Yes	Not Eligible	Yes
Timberline American Harvest® (Amber Wheat)	0.18	0.19*	0.92	Pending	17	Pending	19	--	X	0676-0099	Yes	Yes	Not Eligible	Pending
Timberline HD® (Aged Chestnut)	0.17	0.18*	0.90	Pending	15	Pending	16	--	X	0676-0130	Yes	Yes	Not Eligible	Pending
Timberline HD® (Birchwood)	0.20	0.20*	0.92	Pending	20	Pending	20	--	X	0676-0096	Yes	Yes	Not Eligible	Pending
Timberline HD® (Charcoal)	0.16	0.17*	0.92	Pending	15	Pending	16	--	X	0676-0136	Yes	Yes	Not Eligible	Pending
Timberline HD® (Coastal Slate)	0.17	0.18*	0.90	Pending	15	Pending	16	--	X	0676-0131	Yes	Yes	Not Eligible	Pending

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
Timberline HD® (Copper Canyon)	0.17	0.18*	0.92	Pending	16	Pending	17	--	X	0676-0097	Yes	Yes	Not Eligible	Pending
Timberline HD® (Golden Amber)	0.20	0.20*	0.92	Pending	20	Pending	20	--	X	0676-0098	Yes	Yes	Not Eligible	Pending
Timberline HD® (Sagewood)	0.17	0.18*	0.90	Pending	15	Pending	16	--	X	0676-0132	Yes	Yes	Not Eligible	Pending
Timberline HD® (Sandalwood)	0.17	0.18*	0.90	Pending	15	Pending	16	--	X	0676-0133	Yes	Yes	Not Eligible	Pending
Timberline HD® (Stone Gray)	0.17	0.18*	0.91	Pending	16	Pending	17	--	X	0676-0137	Yes	Yes	Not Eligible	Pending
Timberline HD® (white)	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0030	Yes	Yes	Not Eligible	Yes
Timberline® Natural Shadow® Arctic White	0.26	0.29	0.85	0.78	24	25	28	-	X	0676-0089	Yes	Yes	Not Eligible	Yes
Timberline Ultra HD® (Birchwood)	0.20	0.20*	0.92	Pending	20	Pending	20	--	X	0676-0096	Yes	Yes	Not Eligible	Pending
Timberline Ultra HD® (Charcoal)	0.16	0.17*	0.92	Pending	15	Pending	16	--	X	0676-0136	Yes	Yes	Not Eligible	Pending
Timberline Ultra HD® (Charcoal)	0.17	0.18*	0.91	Pending	16	Pending	17	--	X	0676-0137	Yes	Yes	Not Eligible	Pending
Timberline Ultra HD® (Copper Canyon)	0.17	0.18*	0.92	Pending	16	Pending	17	--	X	0676-0097	Yes	Yes	Not Eligible	Pending
Timberline Ultra HD® (Golden Amber)	0.20	0.20*	0.92	Pending	20	Pending	20	--	X	0676-0098	Yes	Yes	Not Eligible	Pending
Timberline® Cool Series® - Cool Antique Slate	0.28	0.26	0.92	0.91	30	27	28	--	X	0676-0043a	Yes	Yes	Contributes (LEED 2009)	Yes
Timberline® Cool Series® - Cool Barkwood	0.27	0.26	0.90	0.92	28	28	27	--	X	0676-0041a	Yes	Yes	Not Eligible	Yes
Timberline® Cool Series® - Cool Weathered Wood	0.28	0.27	0.92	0.90	30	28	29	--	X	0676-0042a	Yes	Yes	Contributes (LEED 2009)	Yes
Product Area: Single Ply Membranes														
EverGuard Extreme® TPO (Energy Gray)	0.73	0.57*	0.90	Pending	90	Pending	68	X	X	0676-0101	Not Eligible	Yes	Contributes	Pending
EverGuard Extreme® TPO (White)	0.83	0.72	0.84	0.91	103	89	87	X	X	0676-0088	Yes	Yes	Contributes	Yes
EverGuard Extreme® TPO FB Ultra (White)	0.83	0.72	0.84	0.91	103	89	87	X	X	0676-0094	Yes	Yes	Contributes	Yes
EverGuard® TPO (Energy Gray)	0.72	0.67	0.87	0.90	88	82	81	X	X	0676-0045	Yes	Yes	Contributes	Yes
EverGuard® TPO (Energy Tan)	0.72	0.66	0.89	0.89	88	80	80	X	X	0676-0039	Yes	Yes	Contributes	Yes
EverGuard® TPO (Gray)	0.40	0.42	0.89	0.86	45	46	47	X	X	0676-0003	Not Eligible	Not Eligible	Not Eligible	Not Eligible
EverGuard® TPO (Tan)	0.65	0.59	0.90	0.84	79	69	71	X	X	0676-0002	Not Eligible	Yes	Contributes	Yes
EverGuard® TPO (White)	0.76	0.68	0.90	0.83	94	81	83	X	X	0676-0001	Yes	Yes	Contributes	Yes
EverGuard® TPO FB Ultra (Gray)	0.40	0.42	0.89	0.86	45	46	47	X	X	0676-0029	Not Eligible	Not Eligible	Not Eligible	Not Eligible
EverGuard® TPO FB Ultra (Tan)	0.65	0.59	0.90	0.84	79	69	71	X	X	0676-0028	Not Eligible	Yes	Contributes	Yes
EverGuard® TPO FB Ultra (White)	0.76	0.68	0.90	0.83	94	81	83	X	X	0676-0027	Yes	Yes	Contributes	Yes
EverGuard® Freedom™ TPO (Gray)	0.40	0.42	0.89	0.86	45	46	47	X	X	0676-0038	Not Eligible	Not Eligible	Not Eligible	Not Eligible

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
EverGuard® Freedom™ TPO (Tan)	0.65	0.59	0.90	0.84	79	69	71	X	X	0676-0037	Not Eligible	Yes	Contributes	Yes
EverGuard® Freedom™ TPO (White)	0.76	0.68	0.90	0.83	94	81	83	X	X	0676-0013	Yes	Yes	Contributes	Yes
EverGuard® PVC (White)	0.87	0.61	0.95	0.86	111	72	75	X	X	0676-0040	Yes	Yes	Contributes	Yes
EverGuard® PVC Fleeceback (White)	0.87	0.67*	0.88	Pending	110	Pending	81	X	--	0676-0134	Yes	Yes	Contributes	Pending
EverGuard® PVC Smooth (White)	0.87	0.76	0.87	0.84	110	93	94	X	X	0676-0090	Yes	Yes	Contributes	Yes
EverGuard® PVC XK (White)	0.87	0.76	0.87	0.84	110	93	94	X	X	0676-0092	Yes	Yes	Contributes	Yes
EverGuard® PVC XK Fleeceback (White)	0.87	0.76	0.87	0.84	110	93	94	X	X	0676-0091	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 based on test requirements.

Updated: 1/11/17