

Title 24 is based on requirements effective January 1, 2010. Aged SRI (Title 24) is calculated using Aged Reflectivity and Initial Emissivity.

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Title	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	Florida Power & Light
EverGuard® TPO FB Ultra (white)	0.76	0.68	0.9	0.83	94	81	83	X	X	0676-0027	Yes	Yes	Yes	Yes	Yes
EverGuard® TPO FB Ultra (gray)	0.4	0.42	0.89	0.86	45	46	47	X	X	0676-0029	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible
EverGuard® TPO FB Ultra (tan)	0.65	0.59	0.9	0.84	79	69	71	X	X	0676-0028	Yes	Yes	Yes	Yes	Not Eligible
EverGuard® PVC (white)	0.87	0.61	0.95	0.86	111	72	75	X	X	0676-0040	Yes	Yes	Yes	Yes	Yes
EverGuard® EGFB (white)	0.85	0.62	0.86	0.84	107	73	74	X	X	0676-0004	Yes	Yes	Yes	Yes	Yes
EverGuard® TPO (white)	0.76	0.68	0.9	0.83	94	81	83	X	X	0676-0001	Yes	Yes	Yes	Yes	Yes
EverGuard® TPO (gray)	0.4	0.42	0.89	0.86	45	46	47	X	X	0676-0003	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible
EverGuard® TPO (tan)	0.65	0.59	0.9	0.84	79	69	71	X	X	0676-0002	Yes	Yes	Yes	Yes	Not Eligible
EverGuard® Freedom™ TPO (white)	0.76	0.68	0.9	0.83	94	81	83	X	X	0676-0013	Yes	Yes	Yes	Yes	Yes
EverGuard® Freedom™ TPO (gray)	0.4	0.42	0.89	0.86	45	46	47	X	X	0676-0038	Not Eligible	Not Eligible	Not Eligible	Not Eligible	Not Eligible
EverGuard® Freedom™ TPO (tan)	0.65	0.59	0.9	0.84	79	69	71	X	X	0676-0037	Yes	Yes	Yes	Yes	Not Eligible
EverGuard® Energy Tan TPO	0.72	0.66	0.89	0.89	88	80	80	X	X	0676-0039	Yes	Yes	Yes	Yes	Not Eligible
EverGuard® Steep Slope TPO (white)	0.76	0.68	0.9	0.83	94	81	83	--	X	0676-0049	Yes	Yes	Yes	Pending	Yes
EverGuard® Energy Gray TPO	0.72	0.67	0.87	0.9	88	82	81	X	X	0676-0045	Yes	Yes	Yes	Yes	Not Eligible
EverGuard® TPO Hartford Green	0.29	0.28	0.88	0.9	30	29	28	X	X	0676-0048	Not Eligible	Not Eligible	Not Eligible	Yes	Not Eligible
EverGuard® TPO Regal Blue	0.26	0.25	0.88	0.9	26	25	24	X	X	0676-0047	Not Eligible	Not Eligible	Not Eligible	Yes	Not Eligible
EverGuard® TPO Regal Red	0.33	0.32	0.86	0.91	34	35	33	X	X	0676-0046	Not Eligible	Not Eligible	Not Eligible	Yes	Not Eligible
EverGuard® Extreme TPO (white)	0.84	0.65*	0.84	Pending	105	Pending	77	X	X	0676-0088	Yes	Yes	Yes	Pending	Yes
Ruberoid® EnergyCap™ 30 FR SBS Membrane (White)	0.80	0.63	0.84	0.84	99	75	75	X	--	0676-0017	Yes	Yes	Yes	Yes	Yes
GAFGLAS® EnergyCap™ BUR Mineral Surfaced Cap Sheet (White)	0.8	0.63	0.9	0.87	100	75	76	X	--	0676-0021	Yes	Yes	Yes	Yes	Yes
Ruberoid® EnergyCap™ Torch Plus FR (white)	0.8	0.62	0.84	0.84	99	73	73	X	--	0676-0019	Yes	Yes	Yes	Yes	Yes
Ruberoid® EnergyCap™ SBS Heat-Weld Plus FR (white)	0.75	0.6	0.82	0.8	91	69	70	X	--	0676-0026	Yes	Yes	Yes	Yes	Yes
Ruberoid® EnergyCap™ Torch Granule FR (white)	0.84	0.7	0.81	0.82	104	84	84	X	--	0676-0025	Yes	Yes	Yes	Yes	Yes

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Ruberoid® EnergyCap™ Mop FR (white)	0.74	0.57*	0.84	Pending	90	Pending	66	X	--	0676-0086	Yes	Yes	Yes	Pending	Yes
GAFGLAS® Mineral Surfaced Cap Sheet (White)	0.3	0.27*	0.89	Pending	31	Pending	28	X	--	0676-0061	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (Weathered Wood)	0.1	0.13*	0.85	Pending	4	Pending	7	X	--	0676-0062	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (White)	0.33	0.29*	0.84	Pending	33	Pending	28	X	--	0676-0063	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (Tan)	0.21	0.21*	0.82	Pending	16	Pending	16	X	--	0676-0064	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (Slate)	0.13	0.15*	0.84	Pending	7	Pending	9	X	--	0676-0065	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (Shakewood)	0.18	0.19*	0.85	Pending	14	Pending	15	X	--	0676-0066	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (Hickory)	0.08	0.12*	0.85	Pending	1	Pending	6	X	--	0676-0067	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Liberty™ SBS Self-Adhering Cap Sheet (Black)	0.03	0.08*	0.84	Pending	-6	Pending	0	X	--	0676-0068	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ APP Modified Granular (Weathered Wood)	0.11	0.14*	0.88	Pending	6	Pending	10	X	--	0676-0069	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ APP Modified Granular (Tan)	0.3	0.27*	0.86	Pending	30	Pending	26	X	--	0676-0070	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ APP Modified Granular (Slate)	0.1	0.13*	0.88	Pending	5	Pending	9	X	--	0676-0071	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ APP Modified Granular (Shakewood)	0.18	0.19*	0.86	Pending	14	Pending	16	X	--	0676-0072	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ APP Modified Granular (Hickory)	0.07	0.11*	0.86	Pending	0	Pending	5	X	--	0676-0073	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ SBS Modified Granular (Weathered Wood)	0.1	0.13*	0.87	Pending	5	Pending	8	X	--	0676-0074	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ SBS Modified Granular (Tan)	0.26	0.24*	0.89	Pending	26	Pending	24	X	--	0676-0075	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ SBS Modified Granular (Slate)	0.11	0.14*	0.88	Pending	6	Pending	10	X	--	0676-0076	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ SBS Modified Granular (Shakewood)	0.17	0.18*	0.88	Pending	14	Pending	15	X	--	0676-0077	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
ROOFMatch™ SBS Modified Granular (Hickory)	0.08	0.12*	0.86	Pending	2	Pending	7	X	--	0676-0078	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Ruberoid® 30 (White)	0.29	0.26*	0.89	Pending	30	Pending	26	X	--	0676-0079	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Ruberoid® 30 FR (White)	0.32	0.28*	0.86	Pending	33	Pending	27	X	--	0676-0080	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Ruberoid® Mop Granule (Black)	0.04	0.09*	0.83	Pending	-5	Pending	1	X	--	0676-0081	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible

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Ruberoid® Mop Granule (White)	0.3	0.27*	0.86	Pending	30	Pending	26	X	--	0676-0082	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Ruberoid® Torch FR Granule (White)	0.29	0.26*	0.86	Pending	29	Pending	25	X	--	0676-0083	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Ruberoid® Torch Granule (Black)	0.03	0.08*	0.85	Pending	-5	Pending	1	X	--	0676-0084	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
Ruberoid® Torch Granule (White)	0.29	0.26*	0.85	Pending	28	Pending	24	X	--	0676-0085	Not Eligible	Not Eligible	Not Eligible	Pending	Not Eligible
TOPCOAT® Surface Seal SB (white)	0.84	0.59	0.9	0.87	106	70	71	X	X	0676-0007	Yes	Yes	Yes	Yes	Yes
TOPCOAT® MB Plus (white)	0.83	0.74	0.88	0.85	104	90	91	X	X	0676-0008	Not Eligible	Yes	Yes	Yes	Yes
TOPCOAT® Elastomeric Roofing Membrane (white)	0.85	0.68	0.9	0.88	107	83	83	X	X	0676-0006	Yes	Yes	Yes	Yes	Yes
TOPCOAT® FireShield® SB (white)	0.81	0.71	0.9	0.89	101	87	87	X	X	0676-0014	Not Eligible	Yes	Yes	Yes	Yes
TOPCOAT® FireShield® MB (white)	0.72	0.69	0.91	0.9	89	84	85	X	X	0676-0015	Not Eligible	Yes	Yes	Yes	Not Eligible
TOPCOAT® FireShield® MB w/ #10 Aggregate (white)	0.79	0.61*	0.88	Pending	98	Pending	73	X	--	0676-0036	Not Eligible	Yes	Yes	Pending	Yes
TOPCOAT® FireShield® EPDM (white)	0.75	0.67	0.9	0.91	93	82	82	X	X	Pending	Not Eligible	Yes	Yes	Yes	Yes
TOPCOAT® EnergyCote™ Elastomeric Coating (white)	0.91	0.78	0.87	0.89	115	97	97	X	--	0676-0023	Yes	Yes	Yes	Yes	Yes
TOPCOAT® EPDM Coating (white)	0.86	0.7	0.88	0.87	108	85	85	X	X	0676-0009	Not Eligible	Yes	Yes	Yes	Yes
MATRIX™ 322 Elastomeric Roof Coating (white)	0.87	0.67*	0.87	Pending	110	Pending	81	X	X	0676-0010	Not Eligible	Yes	Yes	Yes	Yes
Royal Sovereign® Shingles (white)	0.27	0.27	0.91	0.84	28	25	28	--	X	0676-0033	Yes	Yes	Not Eligible	Yes	Not Eligible
Sentinel® Shingles (white)	0.27	0.26	0.91	0.81	28	22	27	--	X	0676-0035	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Prestique® 30 Shingles (white)	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0030	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Prestique® 40 Shingles (white)	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0031	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Prestique® Lifetime Shingles (white)	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0032	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Cool Series - Cool Weathered Wood	0.26	0.25	0.92	Pending	28	Pending	26	--	X	0676-0042	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Cool Series - Cool Antique Slate	0.27	0.26	0.92	0.81	29	22	28	--	X	0676-0043	Yes	Yes	Yes	Yes	Not Eligible
Timberline® Cool Series - Cool Barkwood	0.27	0.26	0.92	0.81	29	22	28	--	X	0676-0041	Yes	Yes	Yes	Yes	Not Eligible

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Timberline® Cool Series - Cool White	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0031	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Natural Shadow™ Arctic White	0.26	0.29	0.85	0.78	24	25	28	-	X	0676-0089	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® HD™ Shingles (white)	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0030	Yes	Yes	Not Eligible	Yes	Not Eligible
Timberline® Ultra HD™ Shingles (white)	0.26	0.29	0.85	0.78	24	25	28	--	X	0676-0032	Yes	Yes	Not Eligible	Yes	Not Eligible

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.