

GAF Energy Saving Products and Ratings - Updated 10-27-20

All Listed Products (click on the product name for 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 Emisivity.

| Program Link | Initial Reflectivity | 3 Yr. Reflectivity | Initial Emisivity | 3 Yr. Emisivity | 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

| Program Link | Initial Reflectivity | 3 Yr. Reflectivity | Initial Emisivity | 3 Yr. Emisivity | Initial SRI | Aged SRI | Aged SRI (Title 24) | Low Slope | Steep Slope | CRRC Product ID # | Title 24 | Miami 21 | LEED v4 Credit | Energy Star |
|--|----------------------|--------------------|-------------------|-----------------|-------------|----------|---------------------|-----------|-------------|-------------------|----------|----------|----------------|-------------|
| GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet (White) | 0.74 | 0.68** | 0.90 | 0.87** | 92 | 82** | 83 | X | -- | 0676-0021b | Yes | Yes | Contributes | Yes |
| Ruberoid® EnergyCap™ 30 Granule FR (White) | 0.73 | 0.65** | 0.90 | 0.89** | 90 | 79** | 79 | X | -- | 0676-0017b | Yes | Yes | Contributes | Yes |
| Ruberoid® EnergyCap™ HW Plus Granule FR (White) | 0.73 | 0.65** | 0.90 | 0.88** | 90 | 78** | 79 | X | -- | 0676-0026a | Yes | Yes | Contributes | Yes |
| Ruberoid® EnergyCap™ Mop Plus Granule FR (White) | 0.74 | 0.66** | 0.90 | 0.88** | 92 | 80** | 80 | X | -- | 0676-0086a | Yes | Yes | Contributes | Yes |
| Ruberoid® EnergyCap™ Torch Granule FR (White) | 0.75 | 0.67** | 0.90 | 0.88** | 93 | 81** | 82 | X | -- | 0676-0025b | Yes | Yes | Contributes | Yes |
| Ruberoid® EnergyCap™ Torch Plus Granule FR (white) | 0.74 | 0.64 | 0.90 | 0.89 | 92 | 77 | 78 | X | -- | 0676-0019a | Yes | Yes | Contributes | 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) | 0.86 | 0.73 | 0.90 | 0.93 | 109 | 91 | 90 | X | X | 0676-0125a | Yes | 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 (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) | 0.83 | 0.71 | 0.91 | 0.91 | 104 | 88 | 88 | X | X | 0676-0109a | 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 | 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 |
| 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 |

| Program Link | Initial Reflectivity | 3 Yr. Reflectivity | Initial Emissivity | 3 Yr. Emissivity | Initial SRI | Aged SRI | Aged SRI (Title 24) | Low Slope | Steep Slope | CRRP Product ID # | Title 24 | Miami 21 | LEED Credit*** | Energy Star |
|---|----------------------|--------------------|--------------------|------------------|-------------|----------|---------------------|-----------|-------------|-------------------|--------------|--------------|----------------|--------------|
| United Coatings™ EnergyCote™ Roof Coating (White) | 0.91 | 0.78 | 0.87 | 0.89 | 115 | 97 | 97 | X | X | 0676-0023 | Not Eligible | Yes | Contributes | Yes |
| United Coatings™ Kymax™ Coating (White) | 0.89 | 0.83 | 0.89 | 0.88 | 113 | 104 | 104 | X | X | 0676-0111a | Not Eligible | Yes | Contributes | Yes |
| United Coatings™ Roof Mate™ HT Coating (White) | 0.83 | 0.71 | 0.91 | 0.91 | 104 | 88 | 88 | X | X | 0676-0116a | 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 | Not Eligible | 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 | 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 | 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™ RoofShield® I.S. Fast Dry Elastomeric Acrylic Coating | 0.87 | 0.64* | 0.90 | Pending | 110 | Pending | 78* | X | X | 0676-0154 | Yes | Yes | Contributes | Pending |
| 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 II High Solids Silicone Roof Coating (White) | 0.89 | 0.73 | 0.90 | 0.88 | 113 | 90 | 90 | X | X | 0676-0145 | Yes | Yes | Contributes | Yes |
| United Coatings™ Unisil II Silicone Roof Coating | 0.87 | 0.73 | 0.90 | 0.90 | 110 | 90 | 90 | X | X | 0676-0144 | Yes | Yes | Contributes | Yes |
| Product Area: Shingles | | | | | | | | | | | | | | |
| Glenwood™ (Golden Prairie) (Mt. Vernon, IN plant) | 0.17 | 0.19 | 0.92 | 0.90 | 16 | 18 | 17 | -- | X | 0676-0103 | Yes | Yes | Not Eligible | Not Eligible |
| Grand Sequoia® Reflector Series - Charcoal (Fontana, CA plant) | 0.18 | 0.17 | 0.92 | 0.88 | 17 | 14 | 16 | -- | X | 0676-0143 | Yes | Yes | Not Eligible | Not Eligible |
| Grand Sequoia® Reflector Series - Forest Brown (Fontana, CA plant) | 0.19 | 0.17 | 0.92 | 0.89 | 19 | 15 | 16 | -- | X | 0676-0140 | Yes | Yes | Not Eligible | Not Eligible |
| Grand Sequoia® Reflector Series - Ocean Gray (Fontana, CA plant) | 0.19 | 0.18 | 0.92 | 0.89 | 19 | 16 | 17 | -- | X | 0676-0142 | Yes | Yes | 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 |
|--|----------------------|--------------------|--------------------|------------------|-------------|----------|---------------------|-----------|-------------|-------------------|----------|----------|----------------|--------------|
| Grand Sequoia® Reflector Series - Sagewood (Fontana, CA plant) | 0.20 | 0.19 | 0.92 | 0.88 | 20 | 17 | 19 | -- | X | 0676-0139 | Yes | Yes | Not Eligible | Not Eligible |
| Grand Sequoia® Reflector Series - Sandalwood (Fontana, CA plant) | 0.20 | 0.20 | 0.92 | 0.89 | 20 | 18 | 20 | -- | X | 0676-0141 | Yes | Yes | Not Eligible | Not Eligible |
| Grand Sequoia® Reflector Series™ Plus and Grand Sequoia® RS+ Charcoal Plus (Fontana, CA plant) | 0.20 | 0.20* | 0.92 | Pending | 20 | Pending | 20* | -- | X | 0676-0150 | Yes | Yes | Not Eligible | Pending |
| Grand Sequoia® Reflector Series™ Plus and Grand Sequoia® RS+ Forest Brown Plus (Fontana, CA plant) | 0.20 | 0.20* | 0.93 | Pending | 20 | Pending | 20* | -- | X | 0676-0151 | 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 HD® Reflector Series - Copper Canyon (Shafter, CA plant) | 0.17 | 0.18 | 0.92 | 0.90 | 16 | 16 | 17 | -- | X | 0676-0097 | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Aged Chestnut (Shafter, CA plant) | 0.18 | 0.19 | 0.90 | 0.88 | 16 | 17 | 18 | -- | X | 0676-0130a | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Birchwood (Shafter, CA plant) | 0.20 | 0.23 | 0.92 | 0.93 | 20 | 24 | 24 | -- | X | 0676-0096 | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Charcoal (Shafter, CA plant) | 0.16 | 0.17 | 0.92 | 0.88 | 15 | 14 | 16 | -- | X | 0676-0136 | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Coastal Slate (Shafter, CA plant) | 0.18 | 0.19 | 0.91 | 0.88 | 17 | 17 | 18 | -- | X | 0676-0131a | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Golden Amber (Shafter, CA plant) | 0.20 | 0.22 | 0.92 | 0.89 | 20 | 21 | 22 | -- | X | 0676-0098 | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Hickory (Shafter, CA plant) | 0.18 | 0.18 | 0.91 | 0.89 | 17 | 16 | 17 | -- | X | 0676-0138 | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Sagewood (Shafter, CA plant) | 0.19 | 0.20 | 0.91 | 0.88 | 18 | 18 | 19 | -- | X | 0676-0132a | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Sandalwood (Shafter, CA plant) | 0.21 | 0.20 | 0.91 | 0.88 | 21 | 18 | 19 | -- | X | 0676-0133a | Yes | Yes | Not Eligible | Not Eligible |
| Timberline HD® Reflector Series - Stone Gray (Shafter, CA plant) | 0.17 | 0.18 | 0.91 | 0.88 | 16 | 15 | 17 | -- | X | 0676-0137 | Yes | Yes | 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 | CRRRC Product ID # | Title 24 | Miami 21 | LEED Credit*** | Energy Star |
|--|----------------------|--------------------|--------------------|------------------|-------------|----------|---------------------|-----------|-------------|--------------------|--------------|----------|----------------|--------------|
| Timberline HD® Reflector Series™ Plus and Timberline HD® RS+ Aged Chestnut Plus (Shafter, CA plant) | 0.20 | 0.20* | 0.93 | Pending | 20 | Pending | 20* | -- | X | 0676-0148 | Yes | Yes | Not Eligible | Pending |
| Timberline HD® Reflector Series™ Plus and Timberline HD® RS+ Charcoal Plus (Shafter, CA plant) | 0.20 | 0.20* | 0.94 | Pending | 21 | Pending | 20* | -- | X | 0676-0153 | Yes | Yes | Not Eligible | Pending |
| Timberline HD® Reflector Series™ Plus and Timberline HD® RS+ Hickory Plus (Shafter, CA plant) | 0.20 | 0.20* | 0.94 | Pending | 21 | Pending | 20* | -- | X | 0676-0149 | Yes | Yes | Not Eligible | Pending |
| Timberline HD® Reflector Series™ Plus and Timberline HD® RS+ Stone Gray Plus (Shafter, CA plant) | 0.20 | 0.20* | 0.93 | Pending | 20 | Pending | 20* | -- | X | 0676-0152a | Yes | Yes | Not Eligible | Pending |
| Timberline HD® Reflector Series™ Plus and Timberline HD® RS+ Sagewood Plus (Shafter, CA plant) | 0.20 | 0.20* | 0.92 | Pending | 20 | Pending | 20* | -- | X | 0676-0147 | Yes | Yes | Not Eligible | Pending |
| Timberline® American Harvest® and Timberline® AH (Amber Wheat) (Tuscaloosa, AL and Fonta, CA plants) | 0.18 | 0.19 | 0.92 | 0.90 | 17 | 18 | 19 | -- | X | 0676-0099 | Yes | Yes | Not Eligible | Not Eligible |
| Timberline® Cool Series® and Timberline® CS (Cool Antique Slate) (Fontana, CA plant) | 0.28 | 0.26 | 0.92 | 0.91 | 30 | 27 | 28 | -- | X | 0676-0043a | Yes | Yes | Not Eligible | Yes |
| Timberline® Cool Series® and Timberline® CS (Cool Barkwood) (Fontana, CA plant) | 0.27 | 0.26 | 0.90 | 0.92 | 28 | 28 | 27 | -- | X | 0676-0041a | Yes | Yes | Not Eligible | Yes |
| Timberline® Cool Series® and Timberline® CS (Cool Weathered Wood) (Fontana, CA plant) | 0.28 | 0.27 | 0.92 | 0.90 | 30 | 28 | 29 | -- | X | 0676-0042a | Yes | Yes | Not Eligible | Yes |
| Timberline® Natural Shadow® and Timberline® NS (Arctic White) (Shafter, CA plant) | 0.26 | 0.29 | 0.85 | 0.78 | 24 | 25 | 28 | -- | X | 0676-0089 | Yes | Yes | Not Eligible | Yes |
| Timberline HD® and Timberline® HDZ™ (White) (Tampa, FL plant) | 0.26 | 0.29 | 0.85 | 0.78 | 24 | 25 | 28 | -- | X | 0676-0030 | Yes | Yes | Not Eligible | Yes |
| Product Area: Single-Ply | | | | | | | | | | | | | | |
| EverGuard Extreme® TPO (Energy Gray) | 0.73 | 0.66 | 0.90 | 0.89 | 90 | 80 | 80 | X | X | 0676-0101 | Not Eligible | Yes | Contributes | Yes |
| EverGuard Extreme® TPO (White) | 0.83 | 0.72 | 0.84 | 0.91 | 103 | 89 | 87 | X | X | 0676-0088 | Yes | 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 |
|---|----------------------|--------------------|--------------------|------------------|-------------|----------|---------------------|-----------|-------------|-------------------|--------------|--------------|----------------|--------------|
| 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® 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 |
| 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 | 0.70 | 0.87 | 0.88 | 110 | 85 | 85 | X | X | 0676-0134a | Yes | Yes | Contributes | Yes |
| EverGuard® PVC Fleeceback (White) | 0.87 | 0.70 | 0.87 | 0.88 | 110 | 85 | 85 | X | X | 0676-0134a | Yes | Yes | Contributes | Yes |
| 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 |
| 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 |

*Calculated value per Title 24 requirements.

**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.)

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