

GAF Solar Reflective Products and Ratings for Shingles - Updated 7-6-2026										
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, 2026. 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	LEED v4 Credit
Timberline Solar HDZ™ (Birchwood Plus) (Mt Vernon, IN plant)	0.2	0.23	0.92	0.93	20	24	24	0676-0096	Yes	Not Eligible
Timberline HDZ® (Birchwood) (Shafter, CA plant)										
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Copper Canyon) (Shafter, CA plant)	0.17	0.18	0.92	0.9	16	17	17	0676-0097	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Golden Amber) (Shafter, CA plant)	0.2	0.22	0.92	0.89	20	21	22	0676-0098	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Aged Chestnut) (Shafter, CA plant)	0.21	Pending	0.92	Pending	21	Pending	21	0676-0130b	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Coastal Slate) (Shafter, CA plant)	0.21	Pending	0.92	Pending	21	Pending	21	0676-0131b	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Sagewood) (Shafter, CA plant)	0.22	Pending	0.92	Pending	22	Pending	21	0676-0132b	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Sandalwood) (Shafter, CA plant)	0.23	Pending	0.92	Pending	24	Pending	22	0676-0133b	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Charcoal) (Shafter, CA plant)	0.21	Pending	0.92	Pending	21	Pending	21	0676-0136b	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Stone Gray) (Shafter, CA plant)	0.21	Pending	0.93	Pending	22	Pending	22	0676-0137b	Yes	Not Eligible
Timberline HDZ® Reflector Series™ and Timberline HDZ® RS (Hickory) (Shafter, CA plant)	0.21	Pending	0.92	Pending	21	Pending	21	0676-0138a	Yes	Not Eligible
Grand Sequoia® RS - Sagewood (Fontana, CA plant)	0.22	Pending	0.92	Pending	23	Pending	21	0676-0139b	Yes	Not Eligible
Grand Sequoia® RS - Forest Brown (Fontana, CA plant)	0.22	Pending	0.92	Pending	23	Pending	21	0676-0140b	Yes	Not Eligible
Grand Sequoia® RS - Sandalwood (Fontana, CA plant)	0.22	Pending	0.92	Pending	23	Pending	21	0676-0141b	Yes	Not Eligible
Grand Sequoia® RS - Ocean Gray (Fontana, CA plant)	0.22	Pending	0.92	Pending	22	Pending	21	0676-0142a	Yes	Not Eligible
Grand Sequoia® RS - Charcoal (Fontana, CA plant)	0.21	Pending	0.92	Pending	21	Pending	21	0676-0143b	Yes	Not Eligible
Timberline HDZ® (Fox Hollow Gray)	0.2	Pending	0.93	Pending	21	Pending	20	0676-0173	Yes	Not Eligible
TimberSteel™ Rustic Red	0.35	Pending	0.83	Pending	35	Pending	35	0676-0174	Yes	Not Eligible
TimberSteel™ Mariner Blue	0.25	Pending	0.83	Pending	22	Pending	22	0676-0175	Yes	Not Eligible
TimberSteel™ Terra Bronze	0.25	Pending	0.83	Pending	22	Pending	22	0676-0176	Yes	Not Eligible
TimberSteel™ Platinum Gray	0.35	Pending	0.75	Pending	32	Pending	32	0676-0177	Yes	Not Eligible
TimberSteel™ Dark Bronze	0.25	Pending	0.83	Pending	22	Pending	22	0676-0178	Yes	Not Eligible
TimberSteel™ Evergreen	0.25	Pending	0.83	Pending	22	Pending	22	0676-0179	Yes	Not Eligible
TimberSteel™ Charcoal Gray	0.25	Pending	0.83	Pending	22	Pending	22	0676-0180	Yes	Not Eligible
**These are calculated values per Title 24 requirements and are not reflected on the CRRC website										