



Vibrant Granule Reflectivity

Innovative granule technology has changed everything! New EcoDark™ granules produce vibrant color never before seen in a cool roof.

EcoDark™ Granule Technology



The Challenge:

Before now, if you wanted a highly reflective dark-colored roof that met the prescriptive requirements of Title 24, you would have had to settle — for choices were limited to largely pastel colors. Dark, vibrant colors did not exist, and other colors — like barkwood and weathered wood — were a pale facsimile of their traditional counterparts.

But now, innovative granule technology has changed everything! GAF EcoDark™ granules produce vibrant color never before seen in a cool roof.

You can finally have the rich, vibrant colors you've always wanted in a highly reflective shingle, including Charcoal.

Benefits:

- California COOL™ Shingles meet the prescriptive solar reflectance and thermal emittance requirements according to the 2019 Title 24 Standards and are rated by the Cool Roof Rating Council
- Some California COOL™ Shingles also meet the cool roof requirements of the Los Angeles Green Building Code
- Cool roofs may help you save on cooling costs¹

California COOL™ Shingles Product Info

Shingle line	Shingle color	Initial reflectivity	Initial emissivity	Aged reflectivity	Aged SRI	CRRC product ID#
Grand Sequoia® RS	Charcoal	0.18	0.92	0.19**	19	0676-0143
	Ocean Gray	0.19	0.92	0.19**	19	0676-0142
	Forest Brown	0.19	0.92	0.19**	19	0676-0140
	Sagewood	0.20	0.92	0.20**	20	0676-0139
	Sandalwood	0.20	0.92	0.20**	20	0676-0141
Timberline® CS	Cool Weathered Wood	0.28	0.92	0.27	28	0676-0042a
	Cool Antique Slate	0.28	0.92	0.26	27	0676-0043a
	Cool Barkwood	0.27	0.90	0.26	28	0676-0041a
Timberline® HDZ™ RS	Sagewood	0.19	0.91	0.19**	18	0676-0132a
	Sandalwood	0.21	0.91	0.21**	21	0676-0133a
	Aged Chestnut	0.18	0.90	0.19**	18	0676-0130a
	Coastal Slate	0.18	0.91	0.19**	18	0676-0131a
	Birchwood	0.20	0.92	0.20**	20	0676-0096
	Charcoal	0.16	0.92	0.17**	16	0676-0136
	Stone Gray	0.17	0.91	0.18**	17	0676-0137
Timberline® HDZ™	Hickory	0.18	0.91	0.19**	18	0676-0138
	Golden Amber	0.20	0.92	0.20**	20	0676-0098
Timberline® HDZ™ RS+	Copper Canyon	0.17	0.92	0.18**	17	0676-0097
	Sagewood Plus	0.20	0.92	0.20	20	0676-0147
	Aged Chestnut Plus	0.20	0.93	0.20	20	0676-0148
	Hickory Plus	0.20	0.94	0.20	21	0676-0149
	Stone Gray Plus	0.20	0.93	0.20	20	0676-0152a
Timberline® NS	Charcoal Plus	0.20	0.94	0.20	21	0676-0153
	Arctic White	0.26	0.85	0.29**	25	0676-0089
Royal Sovereign®	White	0.27	0.91	0.27**	25	0676-0033



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*Can be used to comply with 2019 Title 24, Part 6 Cool Roof requirements of the California Code of Regulations.
 **Calculated using the Title 24 Solar Reflective Index (SRI) Calculation Worksheet.
¹ Energy cost savings are not guaranteed and the amount of savings may vary based on climate zone, utility rates, radiative properties of roofing products, insulation levels, HVAC equipment efficiency, and other factors.

We protect what matters most™

