



## Vibrant Granule Reflectivity

Innovative granule technology changes everything! EcoDark® granules produce vibrant color never before seen in a cool roof.

# EcoDark® Granule Technology



## The Challenge:

You want a highly reflective roof that meets the prescriptive requirements of Title 24, but you don't want to settle for the typical pastels or pale imitations of traditional colors like barkwood and weathered wood. Thankfully, our innovative granule

technology unlocks better choices. GAF EcoDark® granules produce vibrant, dark colors never before seen on a cool roof. You can meet those requirements with the rich colors you've always wanted in a highly reflective shingle, including Charcoal.

## Benefits:

- California Cool® shingles can be used to comply with the Cool Roof Requirements for steep-slope residential buildings of 2022 Title 24, Part 6, of the California Code of Regulations
- Some California Cool® shingles can be used to comply with the Green Building Standards Code of Los Angeles County
- Cool roofs may help you save on cooling costs<sup>‡</sup>

## California Cool® Shingles Product Information

Shingle line	Shingle color	Initial reflectivity	Initial emissivity	Aged reflectivity	Aged SRI	CRRC product ID#
Timberline HDZ® RS	Sagewood	0.22	0.92	0.21 <sup>†</sup>	21	0676-0132b
	Sandalwood	0.23	0.92	0.22 <sup>†</sup>	21	0676-0133b
	Aged Chestnut	0.21	0.92	0.21 <sup>†</sup>	21	0676-0130b
	Coastal Slate	0.21	0.92	0.21 <sup>†</sup>	21	0676-0131b
	Charcoal	0.21	0.92	0.21 <sup>†</sup>	21	0676-0136b
	Stone Gray	0.21	0.93	0.22 <sup>†</sup>	17	0676-0137b
	Hickory	0.21	0.92	0.21 <sup>†</sup>	21	0676-0138a
Grand Sequoia® RS	Charcoal	0.21	0.92	0.21 <sup>†</sup>	21	0676-0143b
	Ocean Gray	0.22	0.92	0.22 <sup>†</sup>	21	0676-0142a
	Forest Brown	0.22	0.92	0.21 <sup>†</sup>	21	0676-0140b
	Sagewood	0.22	0.92	0.21 <sup>†</sup>	21	0676-0139b
	Sandalwood	0.22	0.92	0.21 <sup>†</sup>	21	0676-0141b
Timberline HDZ®	Golden Amber	0.20	0.92	0.22	21	0676-0098
	Copper Canyon	0.17	0.92	0.18	17	0676-0097
	Birchwood	0.20	0.92	0.23	24	0676-0097



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\* Can be used to comply with 2022 Title 24, Part 6 Cool Roof requirements of the California Code of Regulations.

<sup>†</sup> Calculated using the Title 24 Solar Reflective Index (SRI) Calculation Worksheet.

<sup>‡</sup> 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™

