



COOL SHINGLES

California Energy Code Title 24, Part 6 Compliant



PABCO® Roofing Products

Exceptional People. Remarkable Products.®

COOL SCIENCE

SOLAR REFLECTANCE. Solar reflective shingles reflect a portion of solar energy back to the atmosphere. Our cool roofing granules are specially formulated to be up to four times more reflective than comparable standard colored granules.

THERMAL EMITTANCE. The thermal emittance of an asphalt shingle is a measure of how effectively it radiates heat back into the atmosphere. Shingles with higher thermal emittance values radiate more heat back into the atmosphere, which means less heat passes through to the attic space below.

THE RESULT. The Solar Reflective Index (SRI) value is derived by combining the solar reflectance and thermal emittance values of a particular shingle. Tests show that applying shingles with a higher SRI value results in lower attic temperatures when compared to the same structure covered with shingles that have a lower SRI value¹.

¹ Whole House Performance of Asphalt Shingles Exploiting Special Reflective Pigment (2006).





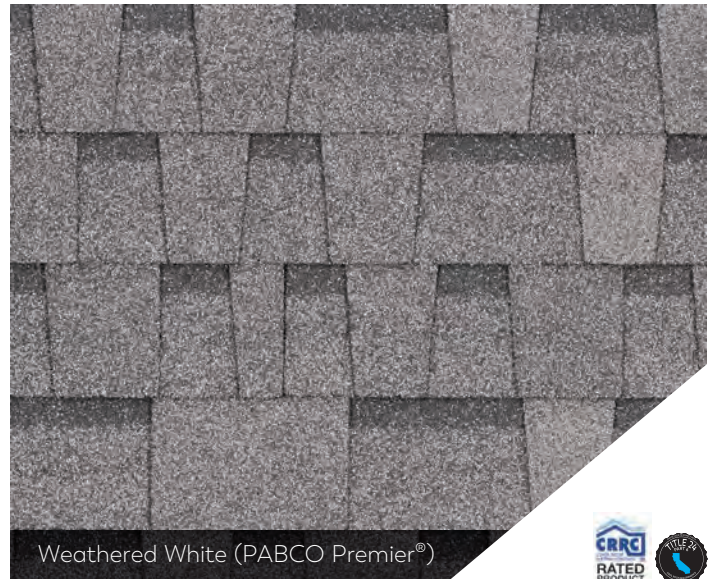
Cool Black (Premier Radiance®)



Cool Oakwood (Premier Radiance®)



Buckskin Tan (PABCO Premier®)



Weathered White (PABCO Premier®)



Buckskin Tan (Tahoma®)



Star White (Tahoma®)





Cool Pewter Gray (Premier Radiance®)



Cool Weathered Wood (Premier Radiance®)



Rebate and financing incentive programs may be available to California residents who purchase qualifying PABCO® Cool Roof products.

Visit: coolroofs.org/resources/rebates-and-codes



Weathered White (Tahoma®)



Printed colors shown in this brochure may vary from actual shingle colors. Color selection should be made with 2-3 full size shingles.

REFLECTANCE AND EMITTANCE PROPERTY SUMMARY TABLE

Product	Color	CRRC Product ID #	Solar Reflectance	Thermal Emittance	Solar Reflective Index (SRI)
			3 year aged	Initial	3 year aged
Premier Radiance®	Cool Black	1018-0022	0.19	0.92	19
	Cool Oakwood	1018-0023	0.18	0.93	18
	Cool Pewter Gray	1018-0024	0.19	0.92	19
	Cool Weathered Wood	1018-0025	0.19	0.92	19
PABCO Premier®	Buckskin Tan	1018-0019a	0.17	0.92	16
	Weathered White	1018-0011a	0.20	0.93	20
Tahoma®	Buckskin Tan	1018-0027	0.18	0.92	17
	Star White	1018-0006a	0.26	0.92	28
	Weathered White	1018-0018	0.21	0.94	22

New products for which there is no 3 year aged data show the 3 year aged data as calculated by the California Energy Commision designated method.

All of these colors meet the California Energy Code (Title 24, Part 6) prescriptive requirement by having a 3 year aged SRI ≥ 16.



Can be used to comply with California Title 24, Part 6 requirements for steep slope cool roofing.

FEATURES

Single-Family residential structures.

Product	Original Homeowner*	Subsequent Homeowners Warranty*	Non-Prorated Coverage*	Wind Warranty Coverage*	Warranted Wind Velocity*
<div><div>PREMIER</div><div>RADIANCE</div><div>Solar Reflective Shingles</div></div>	Limited Lifetime	30 years Fully Transferable	15 yearst	15 years	110 mph (Standard Application) 130 mph (High Wind Application)
<div><div>PABCO PREMIER®</div><div>LAMINATED FIBERGLASS SHINGLES</div></div>	Limited Lifetime	30 years Fully Transferable	15 yearst	15 years	110 mph (Standard Application) 130 mph (High Wind Application)
<div><div>Tahoma®</div><div>3-TAB SHINGLES</div></div>	30 years	30 years Fully Transferable	5 yearst	5 years	60 mph

*See PABCO’s Limited Shingle Warranty for details, limits, and conditions.
†Reasonable cost of replacement material and installation labor.

TECHNICAL INFORMATION

UL Classified To Meet:

- ASTM D3462, Fiberglass Shingle Standard
- ASTM D3161 Class F
- ASTM D7158 Class H
- UL 790 Class A, Fire Resistance Standard
- CAN/ULC-S107

Complies With:

- CSA A123.5, Fiberglass Shingle Standard
- ASTM D3018 Type I, Fiberglass Shingle Standard



Please join us on



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PABCO® SHINGLES ARE PROUDLY MANUFACTURED IN THE USA. 6/7/18