

ENTEGRAGREEN

SRI RATINGS OF ENTEGRA COLORS

COOL ROOF COLORS	SOLAR REFLECTANCE	THERMAL EMITTANCE	SRI
Boca White	.63	.91	76.2
Boca White with Burgandy Antique	.55	.95	66.7
Bone	.35	.92	39.5
Butterscotch	.19	.92	18.9
Camel	.45	.91	52.1
Cedar Tan	.21	.92	21.4
Custard	.44	.93	51.5
Delcrest Tan with White Antique	.26	.91	27.4
Desert Mirage	.26	.91	27.4
Desert Tan with White Antique	.24	.91	24.9
Doral Orange	.45	.92	52.5
Doral White	.56	.93	67.3
Frosty Gray	.35	.90	38.6
Golden Blaze	.55	.93	66.0
Light Brown with White Antique	.25	.91	26.1
Light Peach	.49	.92	57.8
Malibu Sand	.32	.92	35.5
Mango Salsa	.37	.91	41.5
Moss	.23	.93	24.5
Natural Gray	.23	.92	24.0
Natural Gray with White Antique	.23	.92	24.0
Nevada Clay	.52	.91	61.3
Pale Peach	.52	.91	61.3
Peach	.47	.93	55.4
Spanish Clay with White Antique	.21	.92	21.4
Ultra White Slurry on White	.82	.91	102.2
White Slurry on Natural Gray	.79	.92	98.2

*Remember, the higher the numbers, the “cooler” the roof.

SOLAR REFLECTANCE INDEX

The Solar Reflectance Index (SRI) is defined as the roof’s ability to reject solar heat, as shown by a small temperature rise. It is defined so that a standard black (reflectance .05, emittance .9) is 0 and a standard white (reflectance .8, emittance .9) is 100. Due to the way SRI is defined, particularly hot materials can take slightly negative values, and particularly cool materials can exceed 100.

COOL ROOF RATING COUNCIL

A cool roof reflects and emits the sun’s heat back to the sky instead of transferring it to the building below. “Coolness” is measured by two properties, solar reflectance (SR) and thermal emittance (TE). Both properties are measured from 0.0 to 1.0, and the higher the value, the cooler the roof.

COOL ROOFS:

- Increase energy savings
- Reduce urban heat island effect and smog
- Improve occupant comfort
- Comply with codes and green building programs
- Are environmentally friendly