

Energy Star[®] Sell Sheet (COMGN221)

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*Quality You Can Trust...From
North America's Largest Roofing Manufacturer!™*

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ENERGY STAR®

Learn about
Energy

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping to save money and protect the environment through energy-efficient products and practices.

The purpose of the ENERGY STAR® program is to recognize products and services that have been found to be energy efficient through the use of the ENERGY STAR® logo. The use of the logo on qualified products and services helps guide consumers in their buying choices. Only products that have met guidelines established by the EPA for the ENERGY STAR® program and whose companies have become ENERGY STAR® partners may use the logo.

The EPA has determined that highly reflective roofs can save on cooling costs by reflecting the sun's rays. This can lower roof surface temperatures, decreasing the amount of heat transferred into a building. ENERGY STAR® qualified roof products can help reduce the amount of air conditioning needed in buildings, and can reduce peak cooling demand.



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(U.S. only)

ENERGY STAR®



The ENERGY STAR® program has created the following guidelines for determining whether a roofing product is reflective...

- Must be tested to ASTM E903 or C1549
- Must meet or exceed initial reflectivity of 0.65
- 3-year aged reflectivity must meet or exceed 0.50
- Emissivity must be listed, but a requirement has not yet been established
- For more information please visit GAF's ecoScorecard website at <http://gaf.ecoscorecard.com>

The following GAF products are ENERGY STAR® qualified (unless otherwise indicated). For more information, visit www.energystar.gov.

Product	Initial Reflectivity	3 Yr. Reflectivity	Initial Emissivity	Initial SRI Index	Aged SRI Index**	Low Slope	Steep Slope	ENERGY STAR®
EverGuard® Energy Gray™ TPO	0.72	0.67	0.87	88	81	X		Yes
EverGuard® Energy Tan™ TPO	0.72	0.66	0.89	88	80	X		Yes
EverGuard Extreme® Freedom™ TPO HW (white)	0.83	0.72*	0.84	103	87	X		Yes
EverGuard Extreme® TPO (white)	0.83	0.72*	0.84	103	87	X		Pending
EverGuard Extreme® TPO FB Ultra (white)	0.83	0.72*	0.84	103	87	X		Yes
EverGuard® Freedom™ TPO (gray)	0.40	0.42	0.89	45	47	X		Not Eligible
EverGuard® Freedom™ TPO (tan)	0.65	0.59	0.90	79	71	X		Yes
EverGuard® Freedom™ TPO (white)	0.76	0.68	0.90	94	83	X		Yes
EverGuard® PVC (white)	0.87	0.61	0.95	111	75	X		Yes
EverGuard® PVC Smooth (white)	0.87	0.76	0.87	110	94	X		Yes
EverGuard® PVC XK (white)	0.87	0.76	0.87	110	94	X		Yes
EverGuard® PVC XK Fleece-back (white)	0.87	0.76	0.87	110	94	X		Yes
EverGuard® Steep Slope TPO (white)	0.76	0.68	0.90	94	83	X		Pending
EverGuard® TPO (gray)	0.40	0.42	0.89	45	47	X		Not Eligible
EverGuard® TPO (tan)	0.65	0.59	0.90	79	71	X		Yes
EverGuard® TPO (white)	0.76	0.68	0.90	94	83	X		Yes
EverGuard® TPO FB Ultra (gray)	0.40	0.42	0.89	45	47	X		Not Eligible
EverGuard® TPO FB Ultra (tan)	0.65	0.59	0.90	79	71	X		Yes
EverGuard® TPO FB Ultra (white)	0.76	0.68	0.90	94	83	X		Yes
EverGuard® TPO Hartford Green	0.29	0.28	0.88	30	28	X		Yes
EverGuard® TPO Regal Blue	0.26	0.25	0.88	26	24	X		Yes
EverGuard® TPO Regal Red	0.33	0.32	0.86	34	33	X		Yes
GAFGLAS® EnergyCap™ BUR Mineral-Surfaced Cap Sheet (white)	0.80	0.63	0.90	100	76	X		Yes
Royal Sovereign® (White)	0.27	0.27	0.91	28	25		X	Yes
Ruberoid® EnergyCap™ 30 FR SBS Membrane (white)	0.80	0.63	0.84	99	75	X		Yes
Ruberoid® EnergyCap™ Mop FR (white)	0.74	0.57*	0.84	90	66	X		Pending
Ruberoid® EnergyCap™ SBS Heat-Weld™ Plus FR (white)	0.75	0.60	0.82	91	70	X		Yes
Ruberoid® EnergyCap™ Torch Granule FR (white)	0.84	0.70	0.81	104	84	X		Yes
Ruberoid® EnergyCap™ Torch Plus FR (white)	0.80	0.62	0.84	99	73	X		Yes
Timberline® Cool Series (Cool Antique Slate)	0.27	0.26	0.92	29	22		X	Yes
Timberline® Cool Series (Cool Barkwood)	0.27	0.26	0.92	29	22		X	Yes
Timberline® Cool Series (Cool Weathered Wood)	0.26	0.26	0.92	28	27		X	Yes
Timberline HD® (White)	0.26	0.29	0.85	24	25		X	Yes
Timberline® Natural Shadow® (Arctic White)	0.26	0.29	0.85	24	25		X	Yes
TOPCOAT® Membrane (white)	0.85	0.68	0.90	107	83	X		Yes
TOPCOAT® EnergyCote™ Elastomeric Coating (white)	0.91	0.78	0.87	115	97	X		Yes
TOPCOAT® EPDM Coating (white)	0.86	0.70	0.88	108	85	X		Yes
TOPCOAT® FireShield® MB (white)	0.72	0.69	0.91	89	85	X		Yes
TOPCOAT® FireShield® SB (white)	0.81	0.71	0.90	101	87	X		Yes
TOPCOAT® 322 White Elastomeric Coating	0.87	0.69	0.87	110	81	X		Yes
TOPCOAT® MB Plus (white)	0.83	0.74	0.88	104	91	X		Yes
TOPCOAT® Surface Seal SB (white)	0.84	0.59	0.90	106	71	X		Yes

* Calculated value per Title 24 requirements.

** Aged SRI (Title 24) is calculated using Aged Reflectivity and Initial Emissivity. ENERGY STAR® is a voluntary program. To find out more about ENERGY STAR® qualifications, visit: http://www.energystar.gov/index.cfm?c=roof_prods.pr_crit_roof_products. This is a partial list of products. To find a current list of products, contact GAF Technical Services at 1-800-766-3411 or visit: http://downloads.energystar.gov/bi/qplist/roofs_prod_list.pdf