

EnergyCap™

Sell Sheet

Updated: 3/07



***Quality You Can Trust Since 1886...
From North America's Largest Roofing Manufacturer™***



EnergyCAPTM

ENERGY-SAVING CAP SHEETS

**“The safety of multi-ply
roofing systems...
with ENERGY STAR[®]
Savings!”**



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from North America's
Largest Roofing
Manufacturer**



“Now, get the safety of RUBEROID® MB and GAFGLAS® BUR multi-ply roofing systems...with ENERGY STAR® Savings!”

Energy costs are skyrocketing...

and demand is at an all-time high. Wasting energy is not just irresponsible—it's bad business!

Until now, property owners who wanted an energy-saving roof were limited to:

- Installing a single-ply (TPO or PVC) roof or
- Adding a roof coating to their asphaltic system, often at considerable additional expense.

But now, there's EnergyCap™

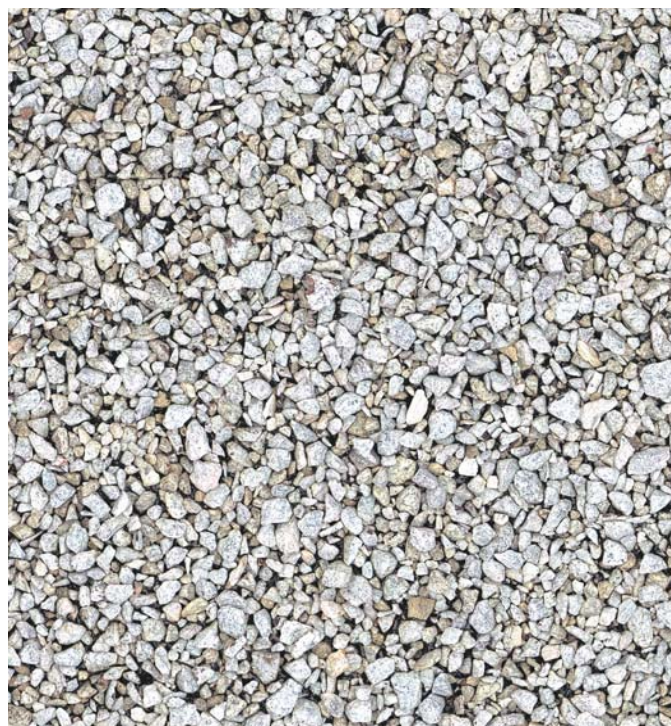
“brilliant white” cap sheets! They combine the proven performance of GAF's commercial asphaltic cap sheets with a factory-applied layer of TOPCOAT® EnergyCote™ roof coating—in a **single** roof membrane.

Multi-ply systems using EnergyCap™ cap sheets are the safer solution for meeting ENERGY STAR® or Title 24 requirements—and are less expensive to install than other “white” roofing options.

EnergyCap™ “brilliant white” cap sheets have nearly 3 times the reflectivity of standard “white” cap sheets!



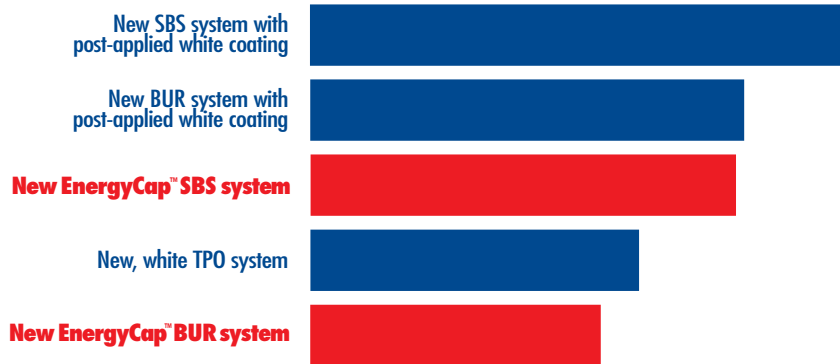
EnergyCap™ brilliant white cap sheet



Standard white cap sheet

Up To **45% Less Costly** To Install Than Other **ENERGY STAR® Qualified Roofing Systems...**

Typical Installed Cost



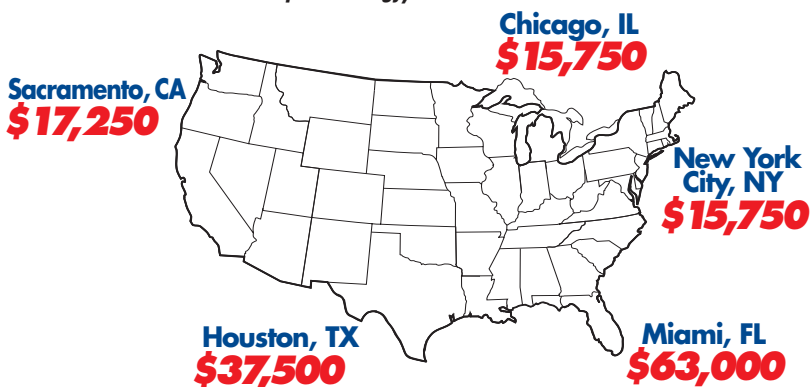
EnergyCap™ systems are typically less expensive to install than other ENERGY STAR® qualified roofing solutions such as PVC or TPO...and you get the proven safety and reliability of multi-ply roofing!

* Installed cost estimates are based on 1,000 square systems in California. Modified bitumen and BUR systems include insulation, 2 plies of GAFGLAS® Ply4 ply sheets, and cap sheet (as compared to same systems with Topcoat® MB Plus coating applied post-membrane application). TPO mechanically-attached insulated systems compared to EnergyCap™ BUR.

...And EnergyCap™ Systems Reduce Your **Ongoing Energy Costs, Year After Year...**

Total Estimated Energy Savings Of A 500 Square EnergyCap™ Roof Over 15 Years*

(Based On Data From Oak Ridge National Laboratory,
U.S. Dept. Of Energy)



EnergyCap™ brilliant-white cap sheets exceed the minimum reflectivity requirements for ENERGY STAR®—as well as the reflectivity and emissivity of Title 24—to save you money (visit www.gaf.com and calculate how much *you* can save!).

* Energy savings estimates are based on energy and fuel cost data provided by ORNL web site at the time of print and does not take into consideration energy cost fluctuations over time. Assumptions used in the savings calculations include: R-value of 19.0; infrared emittance of 84%; COP of 2; solar reflectance of 80%; average heating system efficiency. The results are examples—type of building, geographical locations, your exact energy/fuel costs as well as other factors must be considered for your specific situation.

EnergyCAP™
ENERGY-SAVING CAP SHEETS

GAF®
GAF MATERIALS CORPORATION



“EnergyCap™ Systems Save Labor And Reduce Installation Hassles For Property Owners!”

Four Great Choices! Product Specifications (nom.)

EnergyCap™ BUR

Roll length.....32.6 ft (9.9 m)
Roll width.....39.4 in (1.0 m)
Roll size.....1 sq. (106.9 ft² or 9.9 m²)
Meets ASTM D3909, ASTM E903, ASTM E408, ASTM C1549
Reflectivity: 80% Emissivity: 0.90

EnergyCap™ SBS 30 FR (glass mat):

Roll length.....34.4 ft (10.5 m)
Roll width.....39.6 in (1.0 m)
Roll size.....1 sq. (113.9 ft² or 10.58 m²)
Meets ASTM D6163, Type 1, Grade G, ASTM E903, ASTM E408, ASTM C1549
Reflectivity: 80% Emissivity: 0.84

EnergyCap™ Torch Plus FR (polyester mat):

Roll length.....32.7 ft (10.3 m)
Roll width.....39.6 in (1.0 m)
Roll size.....1 sq. (106.9 ft² or 9.9 m²)
Meets ASTM D6222, Type 2, Grade G, ASTM E903, ASTM E408, ASTM C1549
Reflectivity: 80% Emissivity: 0.84

EnergyCap™ Torch Granule FR (polyester mat):

Roll length.....32.4 ft (10.3 m)
Roll width.....39.6 in (1.0 m)
Roll size.....1 sq. (106.9 ft² or 9.9 m²)
Meets ASTM D6222, Type 1, Grade G, ASTM E903, ASTM E408, ASTM C1549
Reflectivity: 80% Emissivity: 0.84

Note: As a natural consequence of aging, initial reflectivity value may be reduced over time.

Applicable Standards

- UL Approved for use in the construction of Class A, B, or C roofs
- FM Approved
- BOCA Listed: Report No. 359
- SBCCI PST & ESI Listed
- Dade County Product Approval
- New York City MEA 161-91M

Saves Labor!

- **Pre-Applied Brilliant White Coating...**
Premium TOPCOAT® EnergyCote™ white elastomeric coating saves time and labor (compared to applying the coating *after* the membrane has been installed).
- **Reduces Labor Cost...**
by over 25% when compared to site-applied coatings.

Reduces Installation Hassles For Property Owners!

- **NO 90-Day Waiting Period...**
to complete the project.
- **NO Worries...**
about damage caused by coating overspray.
- **NO Need...**
for multiple coats.
- **NO Staging...**
of solvent-based coatings.
- **NO Long Wait...**
for water-based coatings to dry.
- **NO Need...** to worry about proper coating thickness.

Contractor Friendly!

- **Accurate Installation, Less Waste...**
Factory-installed coating eliminates the need to measure and gauge coating application.
- **Fewer Return Trips...**
Traditional coating requires up to a 90-day waiting period before coating can be applied; with TOPCOAT® EnergyCote™ touch-up can be applied immediately.
- **No Additional Staging Of Materials...** after roof is installed.
- **Versatile...**
Available in BUR for hot-mopped applications; SBS for hot-mopped, cold-applied, or heat-welded applications; or APP for torch applications.
- **No Waiting...**
Roof top maintenance traffic can begin immediately after EnergyCap™ membrane is installed.
- **Less Clean Up...**
No tracking of wet coating over the membrane or property.



For complete, up-to-date specifications and information, visit WWW.gaf.com

Quality You Can Trust Since 1886... from
North America's Largest Roofing Manufacturer



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