It's Easy To Be Green ...With GAF!

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

www.gaf.com

"Environmentally Friendly Roofing Systems"

Recycled

Garden

Solar

Reflective

Re-cover

GAF®

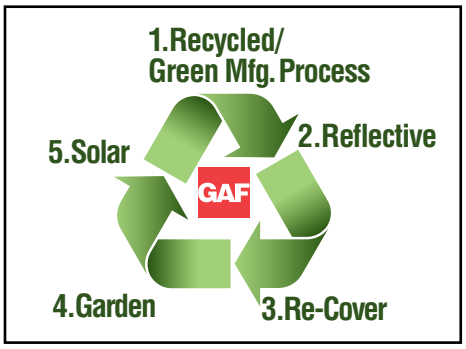
No One Offers You More "Green" Environmentally Friendly Roofing Options Than GAF!

LEARN MORE AT energystar.gov

California Title 24 Compliant

Now, more than ever, it's easy to be "green" when making your roofing choices. That's because being "green" just means being environmentally friendly. And no one has more environmentally friendly roofing solutions than GAF, North America's largest roofing manufacturer.

Sound expensive? It's not. Whether you have a need for commercial or steep-slope roofing, there's a GAF "green" solution that's right for virtually any budget. GAF's environmentally friendly roofing solutions include five categories:



Option 1:
Recycled/Green Mfg. Process Roofing (Eases strain on the environment)

- Includes products that contain post-consumer or post-industrial recycled materials. Examples:
  - Ruberoid® SBS & APP
  - EnergyGuard™ Insulation
  - Drill•Tec™ Fasteners
  - Cobra® Ridge Vent
  - Shingle-Mate® Roof Deck Protection
- Also includes products produced in environmentally friendly manufacturing operations. Examples:
  - Glass fiber production... 100% electric melt, to eliminate CO_2, NOX/SOX, and fluoride emissions
  - TOPCOAT® coatings... recycles rinse and wash water stream to minimize environmental discharge
  - ISO production... uses no ozone-depleting CFCs or greenhouse gas-promoting blowing agents to make rigid foam

Go to GAF Green Roof Central at www.gaf.com/green to see a complete listing of products, their recycled content, and other useful information about environmentally friendly roofing.

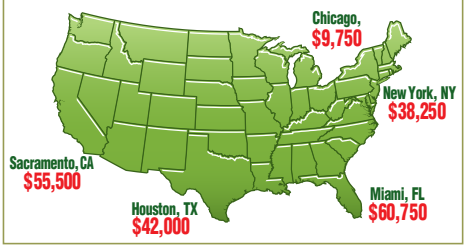
Option 2:
Reflective Roofing (Reduces the "heat island effect" & reduces energy bills)

- Can offset up to 50% or more of the original cost to install the roof as a result of improved energy efficiency
- GAF offers more reflective roofing solutions than anyone. Examples:
  - EverGuard®... TPO and PVC
  - Timberline®... Cool Series Shingles
  - TOPCOAT®... elastomeric coatings
  - GAFGLAS®... EnergyCap™ BUR
  - Ruberoid®... EnergyCap™ APP and SBS
- GAF also offers the industry's widest selection of ENERGY STAR® qualified and Title 24 compliant roofing systems (may also qualify for LEED credit)

For a complete listing of GAF's reflective roofing systems, visit Green Roof Central at www.gaf.com/green

Total Estimated Energy Savings Of A 500 Square GAF White Reflective TPO Roof Over 15 Years*

(Based On Data From Oak Ridge National Laboratory, U.S. Dept. Of Energy; assumes R-value of 19)



To calculate the savings in other cities, visit the Oak Ridge web site at: www.ornl.gov/sci/roofs+walls/facts/CoolCalcEnergy.htm

* Energy savings estimates are based on energy and fuel cost data provided by ORNL website 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; infrared emittance of 90; COP of 2; solar reflectance of 76%; average heating system efficiency. The results are examples—type of building, geographical locations, and your exact energy/fuel costs as well as other factors must be considered for your specific situation.

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Option 3:
Re-Cover Roofing
(Reduces landfill waste and increases energy efficiency)

- **Extra protection...** adds an additional roof over your existing roofing system
- **Less waste...** to send to the landfill
- **3 easy installation steps...**
  - **Step 1:** Scan...for moisture
  - **Step 2:** Replace...wet materials
  - **Step 3:** Install...new membrane
- **Maximize energy efficiency...** by adding additional insulation
- **Versatile...** GAF can provide a re-cover option for virtually any type of roof
- **Guaranteed...** Up to 25-year* coverage available:
  - Diamond Pledge™ guarantee (for re-covering GAF roofing systems)
- Some products qualify for LEED credit

*With GAF Well Roof™ Guarantee Extension. See Diamond Pledge™ Guarantee and GAF Well Roof™ Guarantee Extension for complete coverage and restrictions.

Option 4:
Garden Roofing
(Extends the life of your roof and saves energy)

- **Improves roof life...** vegetation protects the underlying membranes and can extend roof life by as much as 100%
- **Energy savings...** up to 15%*
- **Improved storm water management...** allows increased land utilization
- **Tax incentives...** often available from federal, state, and/or local government
- **GAF GardenScapes™...** state-of-the-art garden roofing:
  - Based on proven technology (used in Germany for years)
  - Unlike other systems, can be entirely managed by your roofing contractor
  - Can also be combined with GAF PlazaDeck systems to create an outdoor deck, patio, etc.
  - Qualifies for LEED credit

*Source: Hot Science, Volume 1, Aug. 2006

Option 5:
Solar Roofing
(Produce your own electricity from normally wasted space)

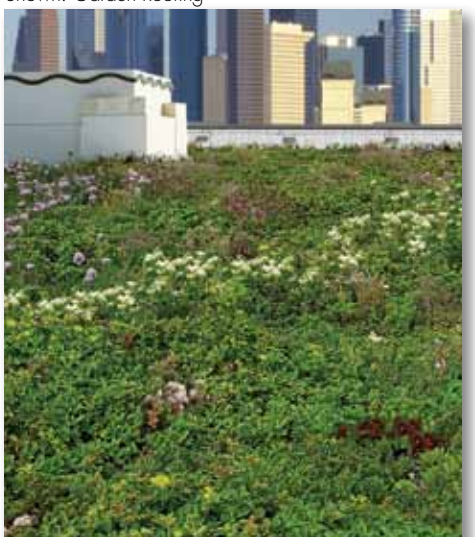
- **Utilize your roof space...** the most cost-effective place to install and maintain solar panels is the roof
- **Customized solar solutions...** for virtually any GAF commercial or steep-slope roofing system
- **EverGuard Extreme...** The first single-ply membrane designed for solar installations. Extended guarantee options up to 35 years are available.
- Qualifies for LEED credit

Quick Tips About Solar Roofing...

1. To be economically viable long term, the roofing system you install should have an expected life that is at least equal to the life of the solar system.
2. The success of a solar system often has as much or more to do with the workmanship of the roofing contractor than even the electrical contractor who installs the solar components.

Shown: Reflective Roofing

Shown: Garden Roofing



Shown: Solar Roofing

Superior Performing, Environmentally Friendly "Green" Roofing Systems...

	GAF Systems	Recycled/ Green Process*	Reflective	Re-Cover	Garden	Solar
COMMERCIAL	GAF **Ruberoid**® Modified Bitumen Systems	●	●	●		●
	GAF **GAFGLAS**® Built-up Roofing Systems		●	●		●
	EverGuard® Single-ply Roofing Systems	●	●	●	●	●
	TOPCOAT® Liquid-applied Membrane Systems	●	●	●		●
	GardenScapes™ Garden Roof Systems				●	●
	EnergyGuard™ Insulation Products	●		●	●	●
	Drill-Tec™ Fastening Systems	●		●		●
STEEP SLOPE	GAF **Timberline**® Roofing Shingles	●	●			●
	GAF **Shingle-Mate**® Roof Deck Protection	●				
	GAF **Cobra**® Ventilation Products	●				
	GAF **Master Flow**® Solar Power Vents					●

*Products manufactured with post-consumer or post-industrial recycled content. May be recycled after service life, or are manufactured with environmentally friendly processes.

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