



When It Matters® It's not what you say, it's what you do. **Sustainability Report 2026**





Sustainable Performance®

Sustainable Roofing

If there's a better, more sustainable way to make a shingle, we intend to find it.

At Malarkey, we strive simply to make the best shingles in the most sustainable way.

It's a dual mission. First, build the industry's highest-performing shingle. Then, aggressively offset its footprint.

Sustainability without sacrificing performance.

64%
Homeowners
value
sustainability.

3M Study

Eco-Friendly Products

Homeowners want eco-friendly products to be just as available as their non-eco counterparts.

Superior Shingle Technology

Longer Lasting Shingles

The first step in making a sustainable shingle is to make it last longer.

It's why we invented SBS rubberized asphalt roofing shingles – stronger, more flexible, and rubber tough for superior all-weather durability and impact resistance, and longer product life.



Hail Impact Rating Up to Class 4

All Malarkey shingles are impact rated with at least a Class 3 rating. Class 3 and 4 rated shingles [highest ratings possible] can withstand a 1.75" and 2.0" steel ball dropped 12 times from 17 and 20 feet, respectively, without showing signs of fracturing to the back of the shingle.

Wind Protection Up to 130 MPH

Up to 2X larger nailing area and enhanced wind warranty for peace of mind against wind blowoffs.

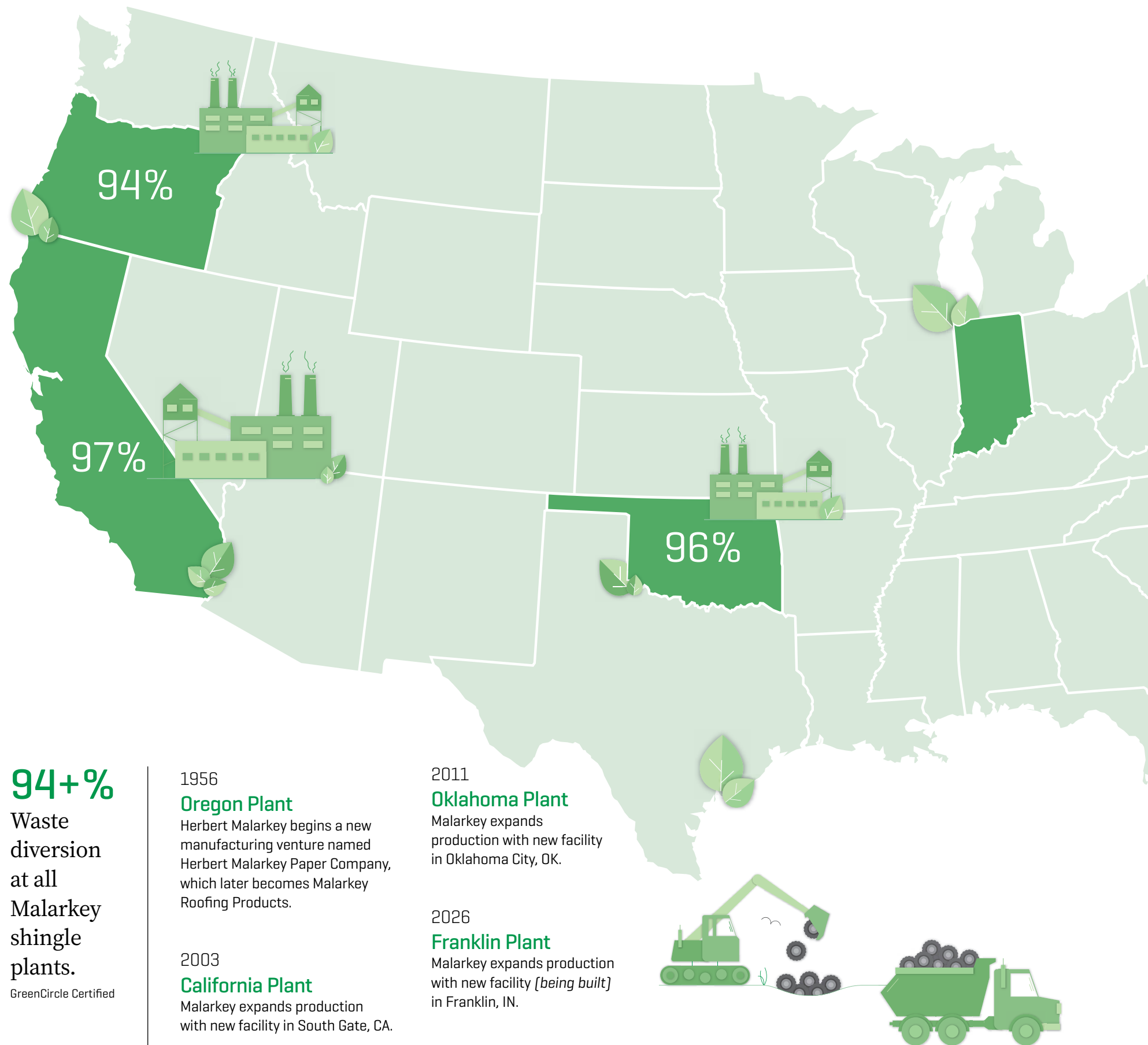
Greater Granule Adhesion Up to 65%

Versus the industry standard [ASTM D3462] to better protect against UV aging and hail damage.

Greater Tear Strength Up to 35%

Versus the industry standard [ASTM D3462] to better resist tears and cracks.





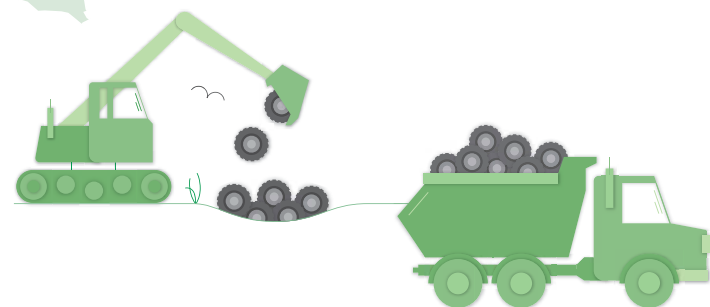
Fewer Emissions, Less Waste

Cleaner Manufacturing

Malarkey's NEX[®] SBS Rubberized Asphalt is a better & cleaner shingle-making technology, resulting in fewer emissions than the oxidized asphalt method of making standard shingles.

Malarkey is also GreenCircle Certified for Waste Diversion from Landfill, and our shingles are routinely certified and granted Life Cycle Assessment Optimized Certification and Certified Sustainability Facts labels.

Scan to view all of Malarkey's certifications.





Recycled Content That Improves Performance

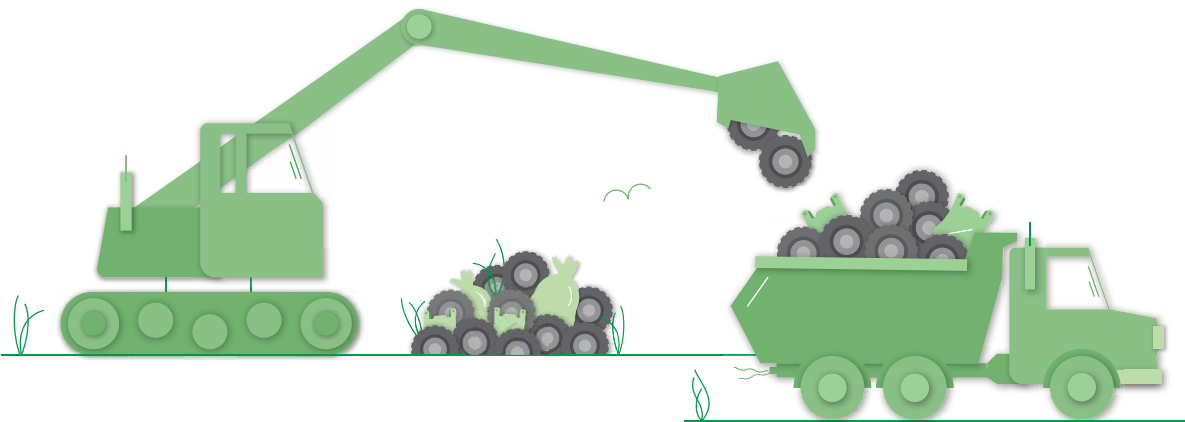
Lower Carbon Materials + Landfill Reduction

Recycled content can sometimes diminish product quality. Not so with our shingles.

Malarkey shingles have a smaller carbon footprint than standard shingles and include upcycled rubber and plastic from used tires and plastic. In fact, by incorporating used tires, Malarkey shingles benefit from the anti-aging ingredient inherent in tires (part of the reason car tires stay black so long). Shingles last longer, landfills last longer - a true win-win!

Decarbonizing the Roof

A product’s embodied carbon content is what contributes to its global warming potential. In the Environmental Product Declaration (EPD) compiled by the Asphalt Roofing Manufacturer’s Association (ARMA) and GreenCircle Certified, Malarkey shingles were shown to have significantly less carbon content than standard shingles.



Longer lasting product, cleaner manufacturing, cleaner air.

~27M
Tires Landfilled

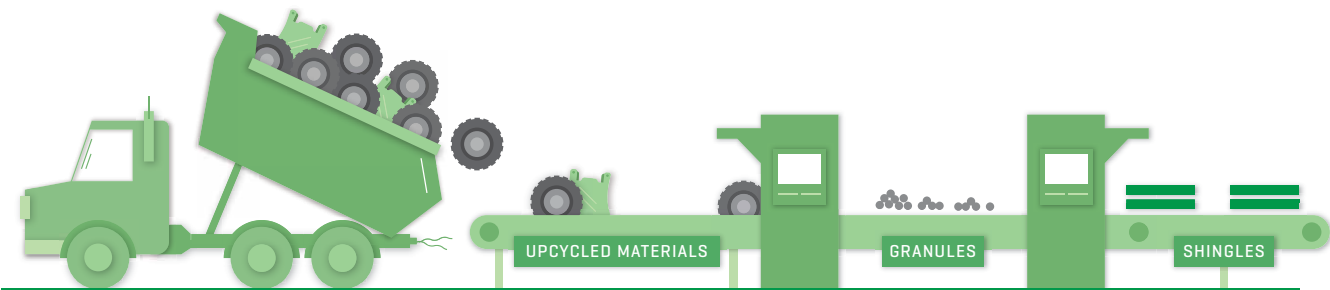
‘Each year, automobiles produce ~246M waste tires in the US, approximately 11% [27M] end up in the landfill.’
– Popular Mechanic magazine

~5 Rubber Tires Upcycled

The number of tires diverted from the landfill with each average-sized roof [30 squares] of Malarkey shingles.

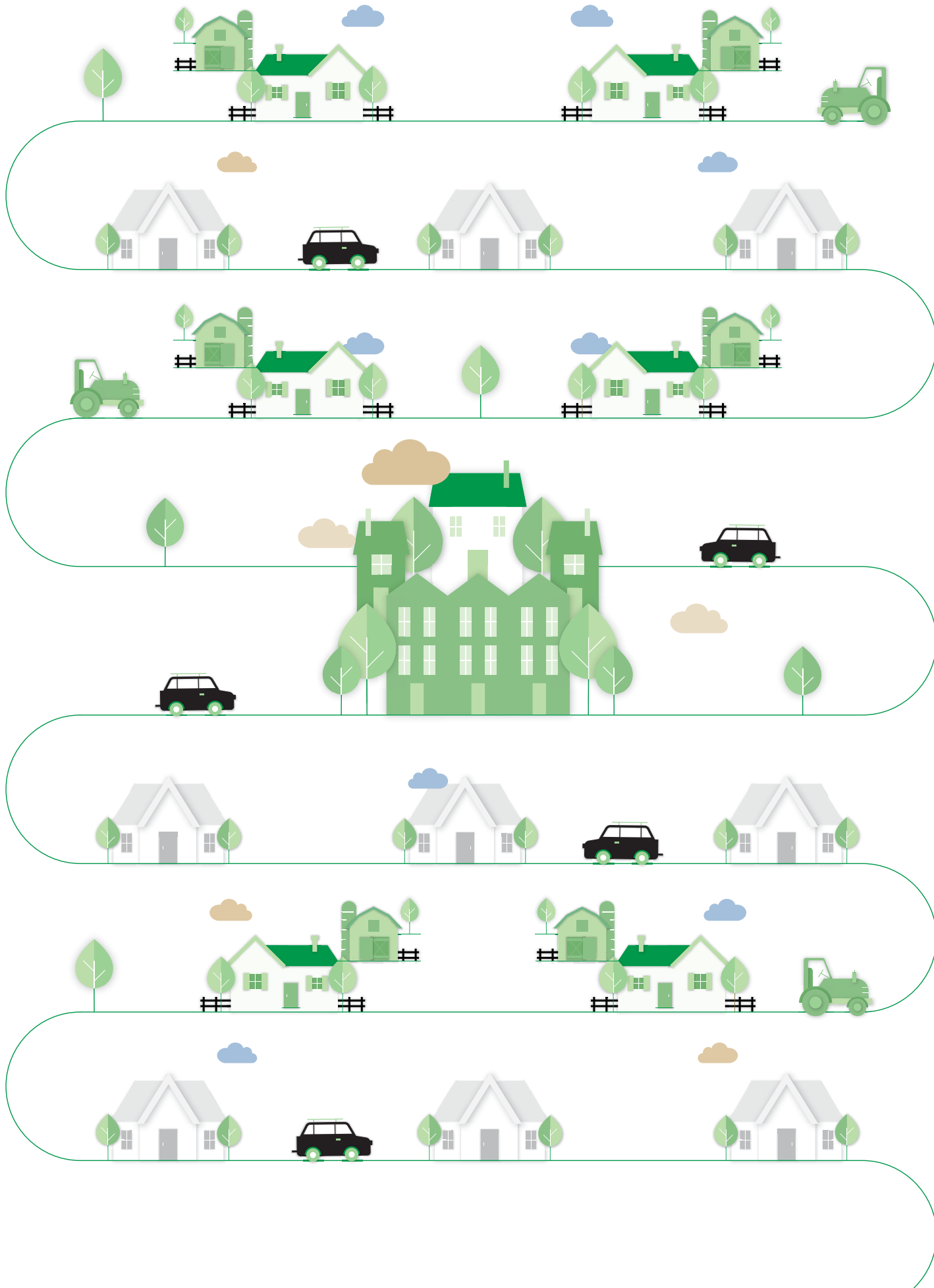
~3,200 Plastic Bags Upcycled

The number of plastic bags diverted from the landfill with each average-sized roof [30 squares] of Malarkey shingles.



Landfill + Carbon Reduction of Malarkey Shingles vs. Standard Shingles
Approximation assuming standard roof of 30 squares.

| Malarkey Shingle Lines | Highlander® Highlander® AR | Vista® Vista® AR | Legacy® Scotchgard Protector™ |
|------------------------|-------------------------------|---------------------|----------------------------------|
| Upcycled Rubber Tires | 4 | 5 | 6 |
| Upcycled Plastic Bags | 2.9K | 3.2K | 4.0K |
| Carbon Reduction | 20-26% | 19-20% | 4-8% |



Smog-Reducing Granules
There's more than one way to plant a tree.

Cleaner Air

Clean air is a concern for us all, which is why we integrate smog-reducing granules atop all our shingles.

These innovative granules harness sunlight to convert smog gases (NO₂ - nitrogen dioxide) into salt ions, actively cleaning the air of emission pollutants, like planting trees on your roof.

4 in 10
Americans live
in counties with
unhealthy air
pollution.

*State Of The Air Report,
American Lung Association*

~2 Trees 'Planted'

The number of trees
'planted' per roof to help
clean the air by adding
smog-reducing granules
atop our shingles.





Roof Cooling Granules Reduce Roof Heat

Cooler Roofs

What is the Urban Heat Island Effect?

Roof cooling colors reflect ultraviolet (UV) rays to help reduce solar heat entering the home, as well as help offset the Urban Heat Island Effect, which describes elevated temperatures in urban environments (caused by heat-absorbing surfaces like roads, roofs, and buildings) that, according to the EPA, can increase summertime peak energy demand, air conditioning costs, air pollution, and greenhouse gas emissions.

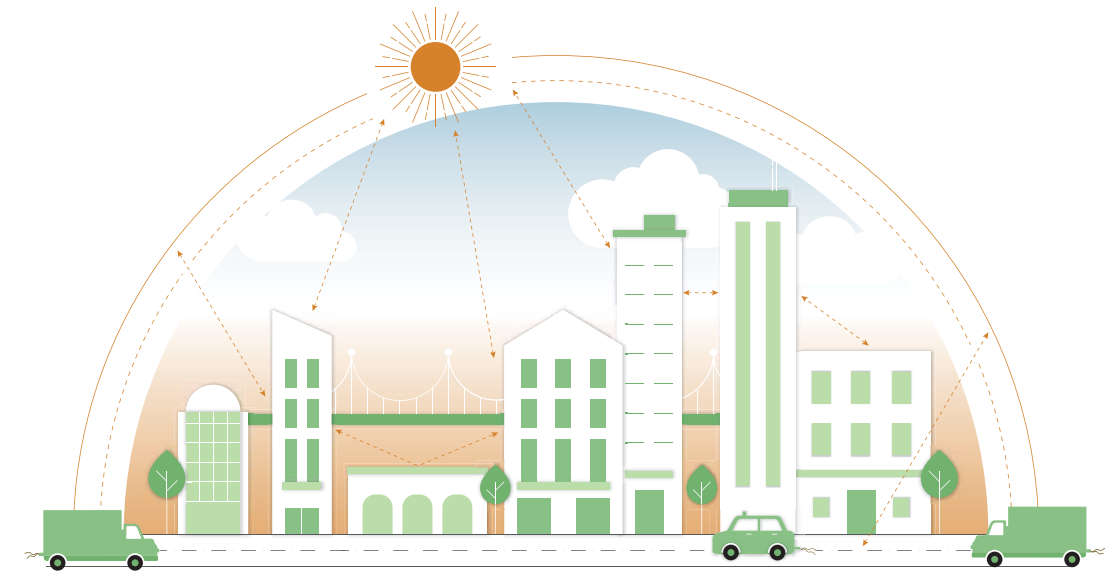
20-25%
The addition of 3M™ cool roofing granules can enable shingles to reflect 20-25% of the sun's energy.



California Energy Code (CEC) Title 24, Part 6

Malarkey has many colors rated by the Cool Roof Rating Council. Shingles with an SRI (Solar Reflective Index) rating of at least 20 can be used to comply with California Energy Code (CEC) Title 24, Part 6 and Los Angeles County Title 31 Cool Roof Requirements.

Note: Solar reflective shingles not available in all markets.



The Urban Heat Island Effect

Cities are hotter. According to the EPA, 'heat islands' can affect communities by increasing peak energy demand, air conditioning costs, air pollution, and greenhouse gas emissions.



Cool Roofing Granules

Typical asphalt shingles might exhibit 3-12% solar energy reflectance from classic black granules. Highly-reflective granules help reduce solar heat entering the home.



It's Not What You Say, It's What You Do

Environmental Stewardship

Sustainability requires action, and we can each play a part.

Malarkey was 1st to launch SBS rubberized asphalt shingles, first to launch smog-reducing shingles, and first to use upcycled rubber and plastics in shingles.

~2.0M

'Planted' Trees
Approximate trees 'planted' to help clean the air by adding smog-reducing granules atop our shingles.
Enough to add a New York City Central Park to 110 cities.

~8.9M

Upcycled Rubber Tires
Approximate rubber tires diverted from the landfill by incorporating upcycled rubber into our shingles.
Enough to outfit 2.2 Million cars.

~5.8B

Upcycled Plastic Bags
Approximate plastic bags diverted from the landfill by incorporating upcycled plastic into our shingles.
Equal to 16 plastic bags diverted from the landfill per person in the US.

One Roof at a Time

"Granted, it's just one roof, but if everyone starts choosing a shingle that reduces landfill waste and fights air pollution, who knows what the end result will be."

- James Martinez, Homeowner

ONE ROOF AT A TIME SUSTAINABLE PERFORMANCE® WHEN IT MATTERS®



70% of Homeowners plan to choose eco-friendly materials for their next home renovation.



WWW.MALARKEYROOFING.COM