

# THE RAVEN

GLEN RAVEN®

GREENOVATION

2026 SUSTAINABILITY REPORT



# A MESSAGE FROM OUR CEO

**Dear Glen Raven associates, partners, and stakeholders,**

At Glen Raven, we've always taken the long view, and our approach to sustainability is rooted in this principle. We see sustainability not as a destination, but as an ongoing commitment shaped by intentional choices made every day.

Intentionality shows up in how we prioritize safety and working conditions across our global facilities. It guides how we design products built to last, reducing waste through durability, quality, and long term value. From how we distribute goods to how we maintain our manufacturing facilities, **we strive for operational excellence in everything we touch—because we believe the small choices we make each day add up to something much larger.**

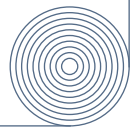
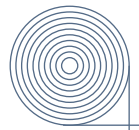
In 2019, Glen Raven established nine ambitious sustainability goals to help guide our progress. Over the past five years, we have been transparent about how we've advanced those priorities—celebrating important progress, acknowledging challenges, and adapting along the way. Ultimately, we focused on making continuous improvements and innovations that minimize our impact, while meeting the evolving needs of our customers with exceptional quality and performance.

Those initial five year goals provided valuable direction, and our commitment to sustainability continues to move forward. In this year's Greenovation Report, we share how intentional decision making shapes every step of our journey—from sourcing materials to extending the life of our fibers through reuse and recycling. This work remains focused on progress, performance, and responsibility.

I will be candid with you: sustainability is a learning process, and we do not have every answer. Continuous improvement is about learning every step of the way—and those lessons are what drive us to continue listening, improving and making the best decisions we can for our people, our customers, and our planet.

Let's keep improving together.

**Leib**



**Leib Oehmig**  
CEO

“Continuous improvement is about learning every step of the way—and those lessons are what drive us to continue weighing every choice and making the best decisions we can for our people and our planet.”

# OUR PHILOSOPHY

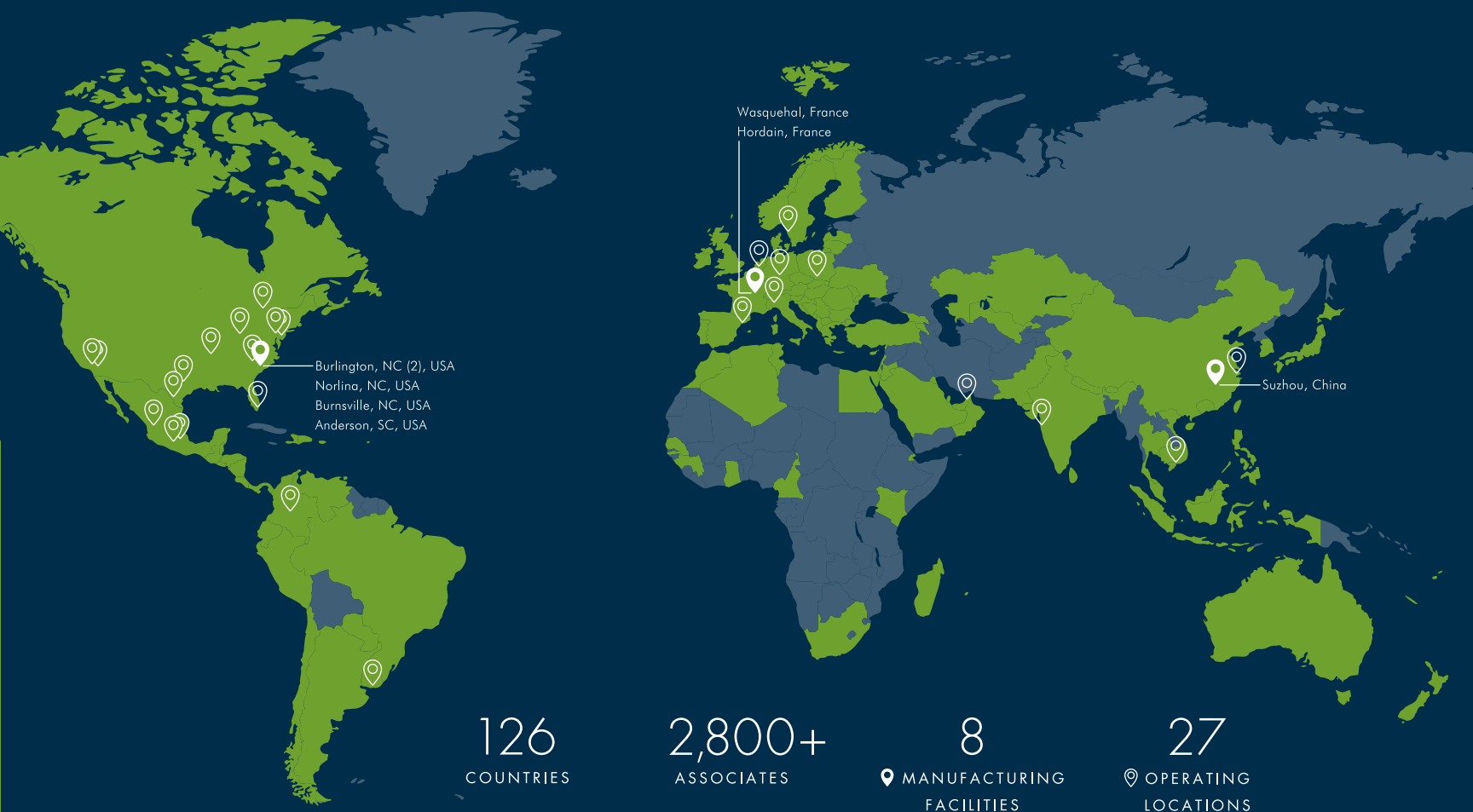
**When it comes to sustainability, Glen Raven takes the long view.** We are guided by the conviction that every decision we make impacts our products, people, and the planet—and those decisions should be made with intention and care.

For more than 20 years, we have integrated environmental considerations into every step of our operations across our **three global operating groups and five master brands.** We believe the decisions we make today will impact us for years to come.



# GLOBAL PRESENCE

Glen Raven has offices, distribution centers, and manufacturing facilities around the globe. Our global presence ensures Glen Raven products and services are accessible worldwide—because we believe in meeting our customers wherever they are.





## GREENOVATION

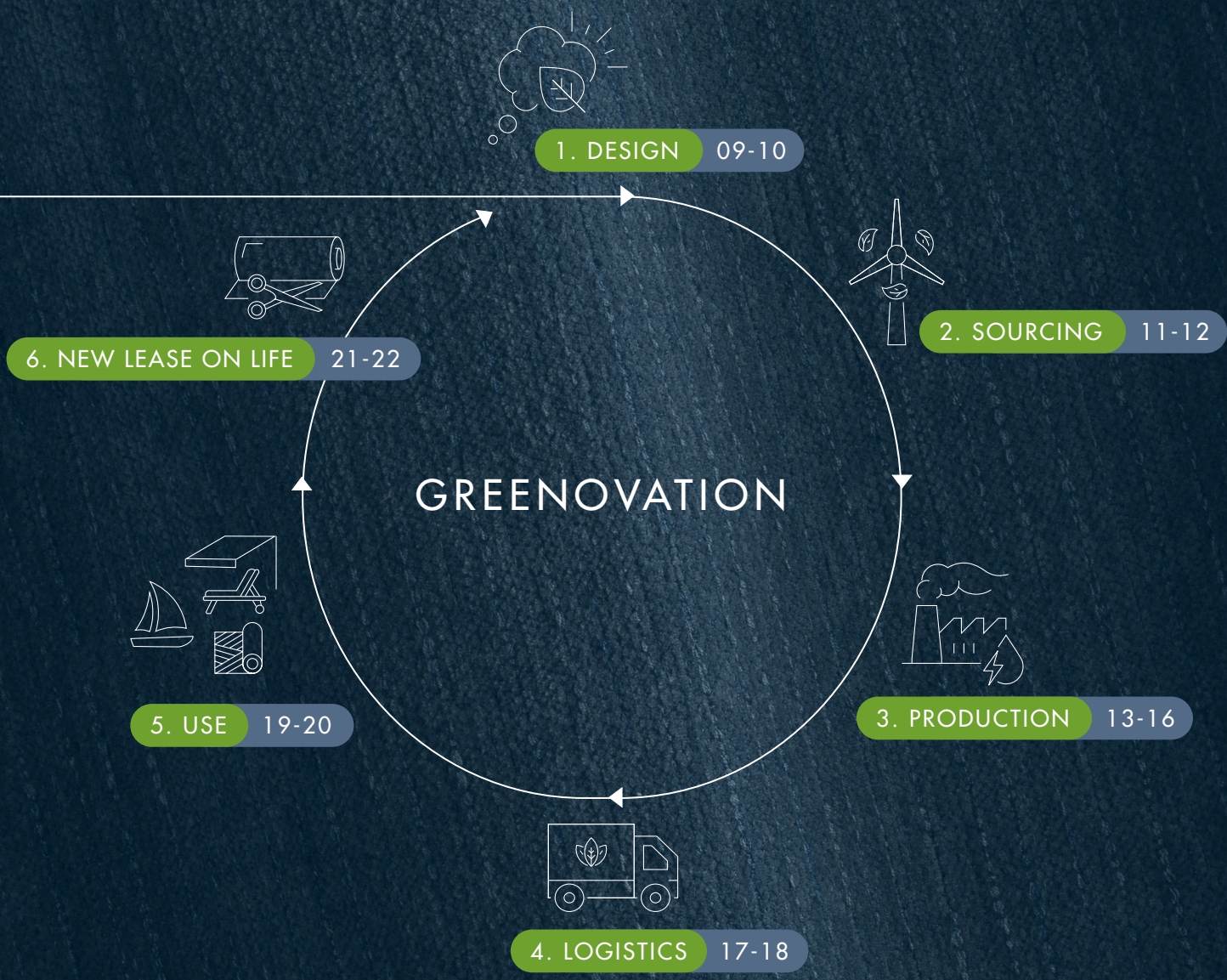
# PUTTING ENVIRONMENTAL STEWARDSHIP AT THE CENTER OF OUR DAY-TO-DAY WORK

Greenovation means integrating environmental and safety considerations into every aspect of our business—while pushing the boundaries of performance.

**Each brand in our portfolio is committed to a circular economy approach to sustainability. At every stage of the product life cycle, we consider how to reduce our impact.** This means designing products that are meant to last, maintaining the efficiency of our manufacturing operations, and considering how products can find new life at the end of their use.

In the following pages, you'll learn how Glen Raven approaches environmental sustainability from the spark of a new idea to the reintegration of recycled fibers. At every step, you'll find intentional choices, guided by a conviction that products should be safe, high-quality, and made to last.

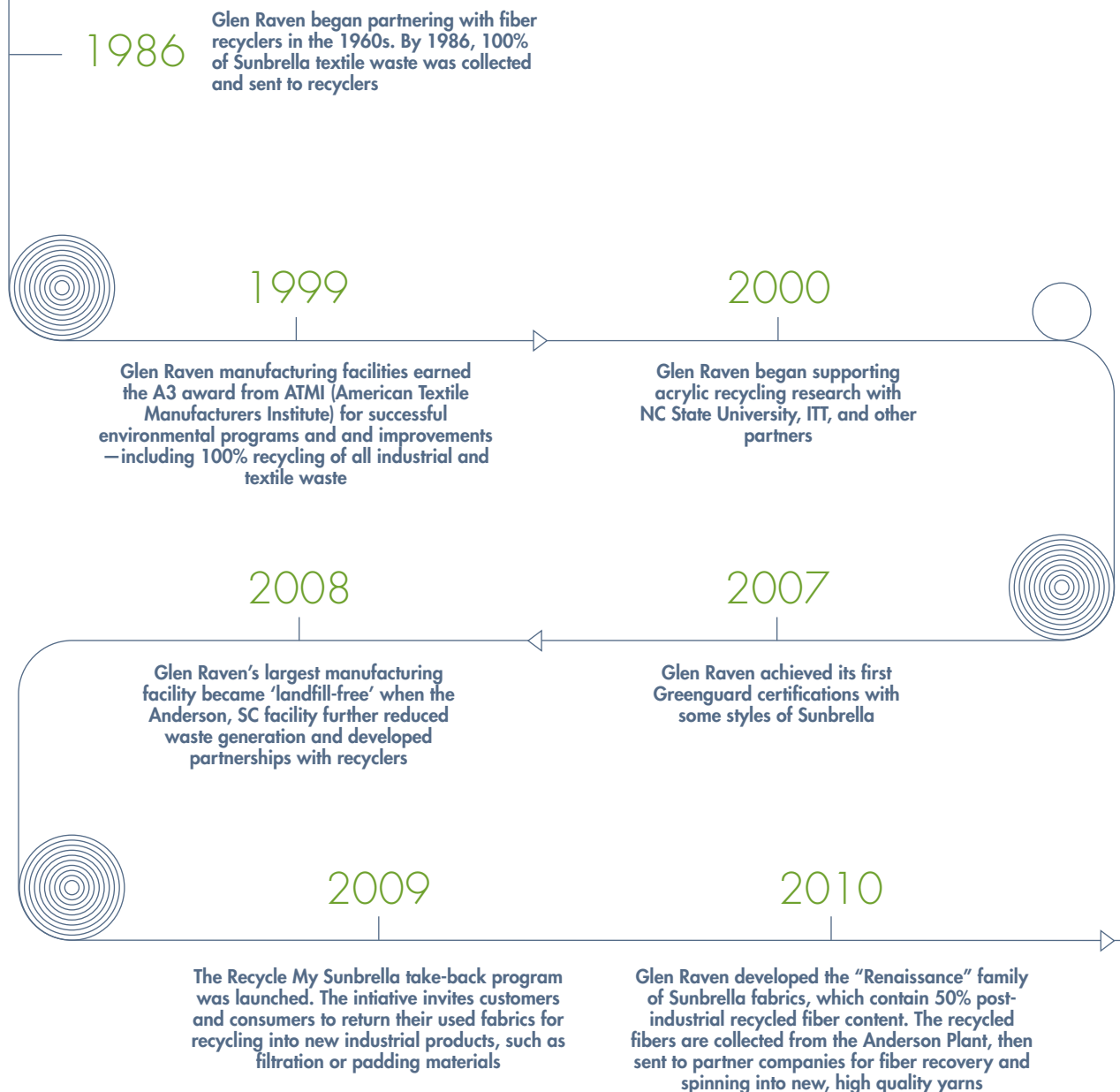




THE CIRCULAR ECONOMY IS THE FOUNDATION OF OUR APPROACH.

# A HISTORY OF SUSTAINABLE THINKING

**Glen Raven has been focused on reducing our impact long before 'sustainability' was a household word.** In the 1960s, Glen Raven introduced the first solution-dyed synthetic yarn. This revolutionary approach meant that our fabrics became highly resistant to fading and mold—increasing the durability and lifespan of our products. Over the years, we've continued to refine our processes, reduce waste, and offer products and services that are built to last.



Two new collections made of recycled fibers launched in Europe. Dickson debuted Origin, an awning collection, while Subrella EU released Sunbrella Plus Recycled, a marine collection.

2026

Glen Raven Asia installed photovoltaic solar panels. In the same year, GRA was recognized as a Jiangsu Provincial Green Factory

2025

Glen Raven Asia achieves the ISO 50001 certification for efficient energy use and management, as well as ISO 45001 for occupational health and safety management

2024

2023

The Endless Stories collection launched—the first upholstery collection made in Europe to contain recycled fibers sourced from production waste

Sunbrella launched Sunbrella ReMade, an offering of home goods crafted from upcycled Sunbrella fabrics, including tabletop accessories, tote bags and wall hangings

2020

Dickson became the first French textile company to hold four QSEE certifications, including ISO 9001 for quality management systems, ISO 14001 for environmental management systems, ISO 45001 for health and safety management systems, and ISO 50001 for efficient energy use and management

2018

Dickson launched their zero waste to landfill program

2015

Dickson debuted Replay, the first solar protection fabric collection containing reused yarns

2011

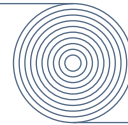
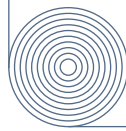
Dickson launched the Greenovation label in Europe—a comprehensive strategy to improve environmental performance

Glen Raven adopted a restricted substances list that resulted in greater intentionality about suppliers and the ingredients in raw materials

2013

Glen Raven Asia engineered a wastewater treatment system to reclaim and reuse 60% of water at the Suzhou manufacturing facility

# MEASURING OUR IMPACT



Glen Raven is lowering our global carbon footprint using a combination of increased energy efficiency and renewable energy. Reducing our footprint helps us minimize our environmental impact, while also enabling us to optimize the efficiency of our operations.

**Since 2019, Glen Raven has reduced our Net Scope 1 & 2 carbon footprint by 78%.**

## WHAT IS A CARBON FOOTPRINT?

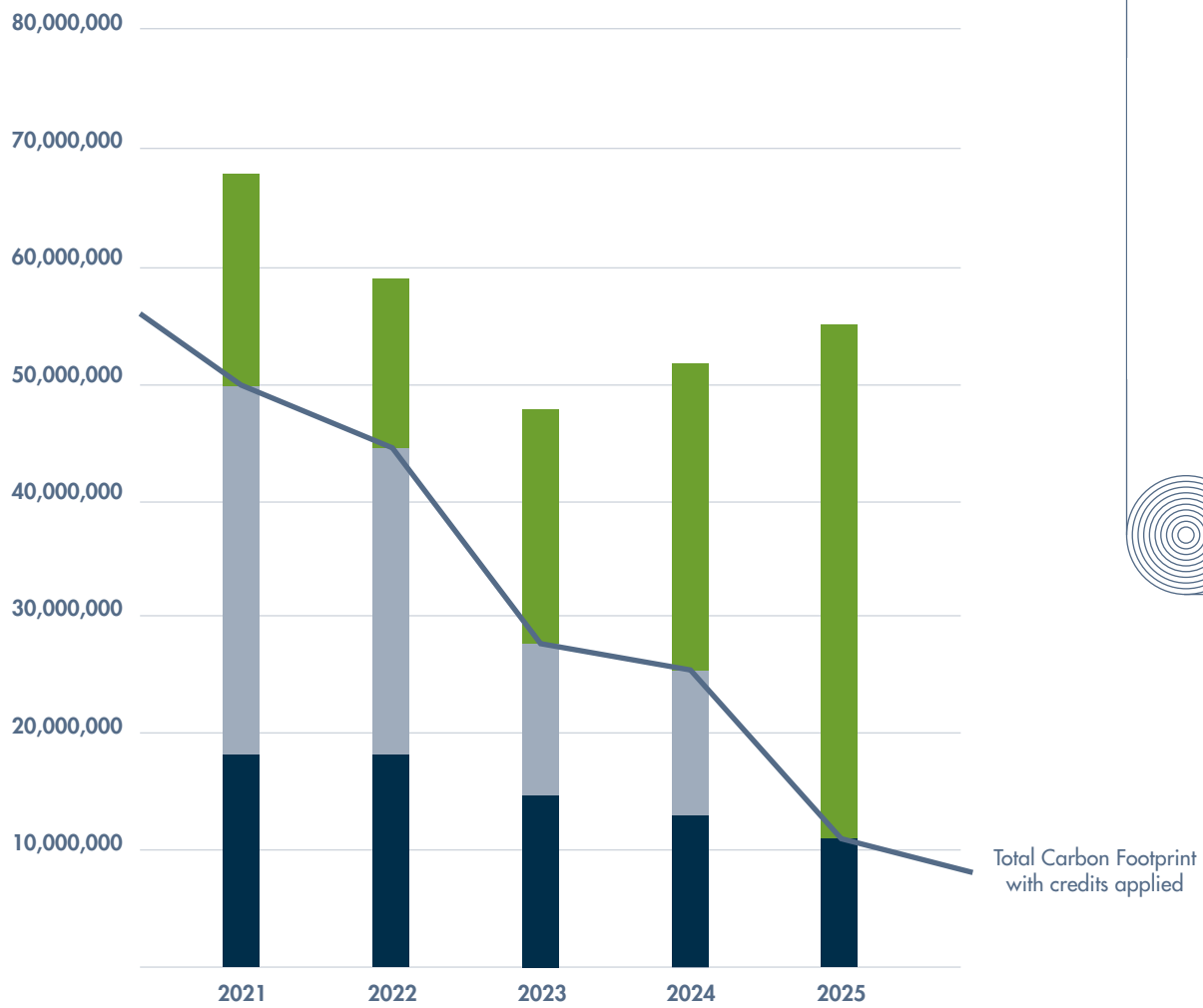
Carbon footprint is a tool for analyzing direct and indirect emissions of greenhouse gases generated by a company. This data is expressed as carbon dioxide equivalent (CO<sub>2</sub>e). Defined as 'scopes,' this assessment is the starting point for defining the new trajectories for reducing our carbon footprint in the future. 'Scope' corresponds to specific international calculation methods for specific measurements:

**Scope 1:** Direct emissions from fossil fuels (oil, gas, coal, etc.)

**Scope 2:** Indirect emissions from electricity consumption and heating/cooling networks



## GLOBAL CARBON FOOTPRINT



**FUELS**

SCOPE 1



**INDIRECT EMISSIONS**

SCOPE 2



**RENEWABLE ENERGY CREDITS**

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## DESIGN

### DESIGNED FOR DURABILITY

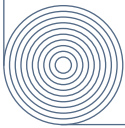
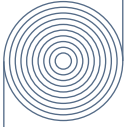
From the first spark of an idea, our textiles are designed with the long-term in mind—because one of the best ways to reduce impact is to produce products that customers and consumers will be excited to use for years to come.

Glen Raven fabrics are recognized for their resistance, performance, and stability to guarantee impeccable quality over time. Our unique process makes our fabrics inherently fade-resistant, UV-protective, and durable to the core; maintaining color and quality through cleaning, wear, or exposure to the outdoor elements.

**In a culture where too many things are disposable—our products are made to stand the test of time.**



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## LIFE CYCLE ANALYSIS DEBUTS IN EUROPE

In Europe, the Glen Raven team is going even further by using Life Cycle Assessments (LCA) to measure the impact of each product. LCAs are measured over the life cycle of each product, from the extraction of raw materials to the end of their life. They are verified by Greenly, a platform and measurement tool trusted by climate experts.

### Life cycle analysis

Since the beginning of 2025, a simplified LCA\* has been available for each of our ranges.

*\*Carbon criterion only taken into account.*

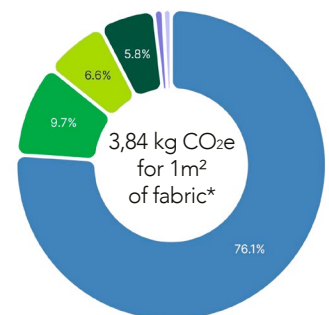
### Example of LCA:

One square metre of Origin sun protection fabric has an impact of 3.84kgCO<sub>2</sub>e for a 15-year lifespan. This ecodesigned fabric is made from 50% recycled fibers and emits 26% less emissions compared to a similar fabric not made from recycled fibers.

*\*\*CO<sub>2</sub>e equivalent. Data collected for the year 2023.*

*LCA carried out according to the IPCC 2013 GWP 100a method.*

### LIFE CYCLE ANALYSIS AND DISTRIBUTION OF CARBON IMPACTS



- Raw materials
- Manufacturing at Dickson-Constant
- Production inputs
- Outgoing freight
- Awning manufacturing and usage
- End of life

**greenly**

02



## SOURCING

### SOURCING DURABLE RAW MATERIALS

Products are only as good as the materials they are made from. That's why Glen Raven carefully sources our raw materials, evaluating our partners and suppliers with intention.

Our main raw materials are solution-dyed, colored to the fiber's core.

By solution dyeing, we maintain a low-pollution industrial process that uses less water, energy, and chemicals. Because our fibers are produced to exclusive specifications, we produce fabrics that are highly durable and resistant to wear and fading.

#### THE SOLUTION-DYED PRODUCTION PROCESS



Liquid solution is mixed with color pigments.



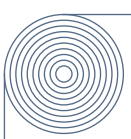
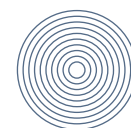
The fiber is saturated with pigments for unbeatable UV resistance.



The pigmented fiber is spun. The coloring of the yarn is the same on the inside as it is on the outside, like a carrot.



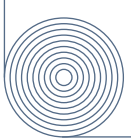
It offers exceptional color resistance to UV rays because the color penetrates to the heart of the yarn.



# INTEGRATING RECYCLED FIBERS TO MINIMIZE WASTE

We work hard to reduce as much waste as possible during our manufacturing process. Our teams recover and sort waste yarns, woven and treated selvages, and fabric offsets that result from our manufacturing process. This waste is transformed into recycled fibers—and many of those fibers are reintegrated back into Glen Raven products, including the **Endless Stories and ReCycled collections**.

Since tracking began in 2019, Glen Raven has used more than **4,876,353 pounds** of recycled materials in our products.



2x

The amount of recycled raw materials in Glen Raven products since 2019.

5M+

pounds of recycled raw materials reintroduced into our products by the end of 2026.



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## PRODUCTION

### A RELENTLESS COMMITMENT TO SAFETY

**At Glen Raven, keeping our operating facilities and associates safe is a priority we take very seriously.** We believe in treating people fairly and making sure that everyone goes home healthy—a commitment that every member of our team brings to work each day.

We take a multi-faceted approach to safety. This includes weekly and monthly Safety Meetings at each manufacturing facility, where team leaders are encouraged to raise concerns and share insights that contribute to improvement. Both our onboarding and recurring training programs equip associates with the skills and knowledge they need to identify hazards, mitigate risks, and respond effectively to emergencies. Our associates also have access to on-site wellness clinics, mental health resources, and other support to effectively engage physical, mental, and emotional needs.

For years, we have exceeded the safety standard, maintaining an injury rate of less than 50% of the industry average. **In 2025, we had the lowest recorded injury rate in company history**, thanks to the complete determination of our associates to create safe environments where people thrive.

## SAFETY CERTIFICATIONS & AWARDS

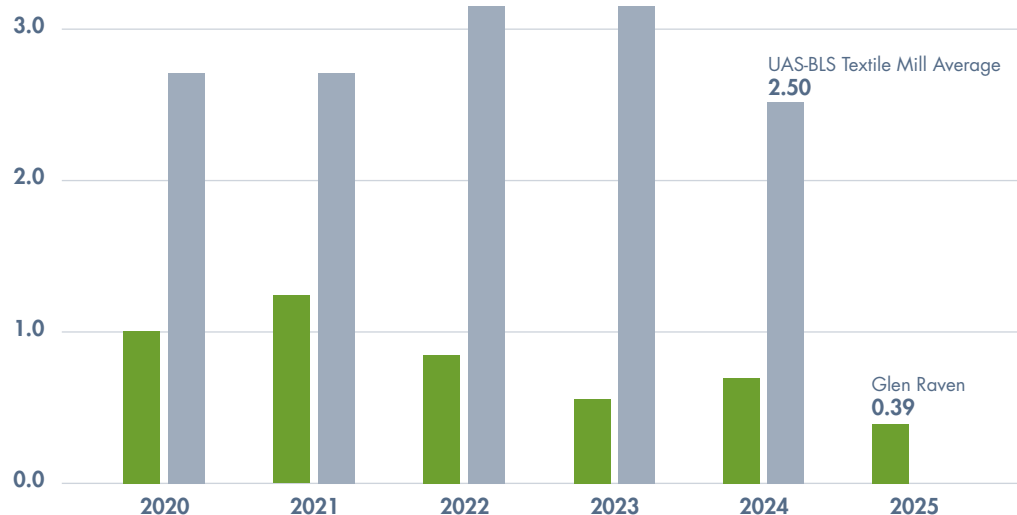
Globally, our manufacturing facilities have been recognized as safe workplaces, achieving rigorous certifications and awards for those efforts. Our manufacturing facilities in North Carolina and South Carolina are part of the **U.S. National Volunteer Protection Program (VPP)** and each has been certified as **Carolina Star** or **Palmetto Star** sites for their excellent safety record. Our manufacturing facilities in France and China are certified to **ISO 45001**, an International Standard that specifies requirements for occupational health and safety management systems. Each of these certifications drives continuous improvement of safer workplaces—a critical part of prioritizing safe working conditions and associate well-being.



## TOTAL RECORDABLE INCIDENT RATE

Per 200,000 work hours

**In 2025, Glen Raven achieved its safest year on record**, at all of our global locations—including manufacturing facilities, distribution centers, and corporate offices—with a total recordable incident rate (TRIR) of just 0.39%. OSHA developed the TRIR calculation to gauge a company's safety record compared to its peers. It looks at the number of recordable incidents per 100 full-time workers during a year—and helps us ensure that our safety practices are making their intended impact to keep our associates safe and healthy.



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## PRODUCTION

### ENERGY EFFICIENCY FOR RESPONSIBLE PRODUCTION

Sustainability isn't just about the products themselves. It's about the way they are made.

**We reduce the environmental impact of our operating facilities by prioritizing operational excellence—focusing on the measures that make us efficient, safe, and optimized.**

For energy, this means being efficient with our electricity and gas consumption and by careful chemical and waste management. It also means making sure our buildings are fitted with the most efficient energy and water management systems. In 2025 those upfits included adding LED lighting to our manufacturing facilities for higher efficiency, replacing a roof with reflective polymer to keep the building cooler, and investing in a more efficient chiller system.



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## RENEWABLE ENERGY

In 2019, Glen Raven set a goal to become 100% powered by certified renewable energy by 2025—a goal we achieved. By purchasing renewable energy certificates from sources such as solar, wind, and hydroelectric power, we are reducing our reliance on fossil fuels and avoiding the related environmental impacts.

### RENEWABLE ENERGY USE

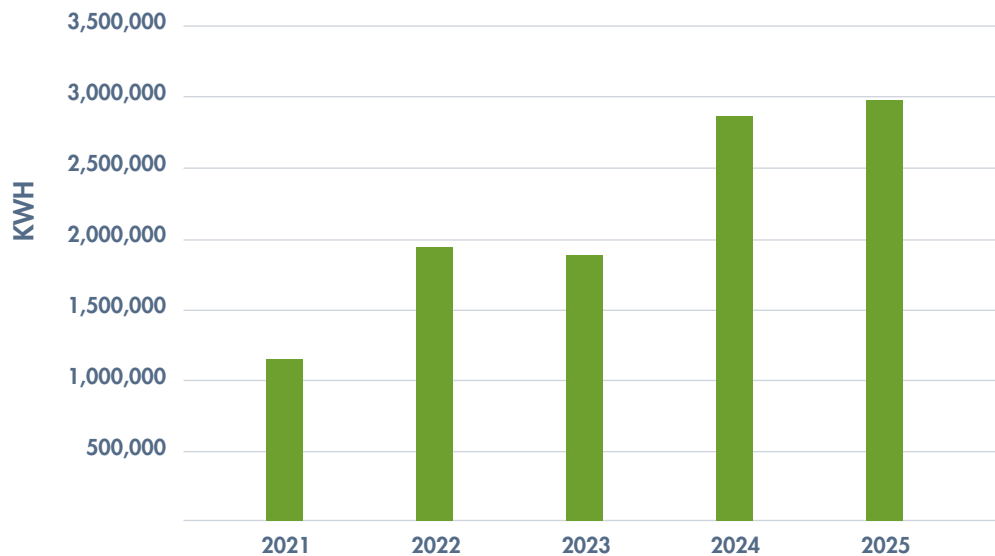
# 100%

Glen Raven uses renewable electricity for 100% of the power demand in all operating facilities by matching this power with renewable energy certificates from sources like hydroelectric, solar, wind, and biomass.

## SOLAR ENERGY

Over the last fifteen years, Glen Raven has installed solar panels at our US, French, and Chinese manufacturing facilities. These solar panels produce power that help us reduce the impact of our operations.

### SOLAR POWER GENERATION



We're continually exploring new technologies and strategies to enhance energy efficiency across our operations.

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## LOGISTICS

### OPTIMIZED FLOWS AT EVERY LEVEL

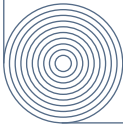
From packaging to distribution to delivery to our customers, Glen Raven leverages our global logistics capabilities to facilitate responsible practices across our brands and operating facilities.

Packaging is a necessary part of getting our products to consumers—it's why we use only boxes made of recycled cardboard at our distribution centers. We reduce plastic waste by reusing plastic tray packs and other materials rather than relying on single-use items.

At Glen Raven Logistics, we prioritize fuel efficiency, operating a fleet of tractors that are California Air Resource Board (CARB) compliant, largely considered the highest standard of emissions mitigation technology. For more than a decade, GRL has been SmartWay certified, a national EPA certification that demonstrates our commitment to load capacity management, emissions controls, and sustainable practices in the transportation industry.

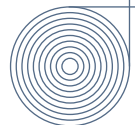
In Europe, our all inter-site transportation has been carried out with XTL biofuel since late 2024, which represents a 90% reduction in CO<sub>2</sub> along this route.

Our team is also working on train transportation for raw materials and has reduced air transportation in favor of sea wherever possible, in an effort to further reduce our impact.



## SMARTWAY CERTIFIED

GRL has been SmartWay certified for more than a decade. This is a national certification from the EPA that recognizes partners who reduce the impact of their shipping and transportation process.



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## USE

### HIGH PERFORMANCE THAT STANDS THE TEST OF TIME

Customers choose Glen Raven products because they appreciate their high performance and longevity. In the markets we serve—furnishings, consumer products, protective apparel, window, shade, marine, and beyond—consumers trust Glen Raven because they know our products are designed for durability from the start.

Our fabrics are solution-dyed, which means they are resistant to fading, mold, and wear, extending the lifespan of each product in our brand portfolio. From sun protection to indoor and outdoor furniture, flooring to arc-rated and flame-resistant workwear, our diverse portfolio of brands all share a commitment to long-lasting performance.

Each Glen Raven brand stands behind our fabrics and products with a comprehensive warranty—because we believe that lessening impact means making beautiful, safe products that can be used for years to come.



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## OUR PORTFOLIO OF BRANDS

Through three operating groups and five differentiated masterbrands, Glen Raven delivers performance-driven products that meet the needs of today's consumer. Each brand is built to deliver with purpose—guided by innovation, accountability, and responsible manufacturing practices.



## REDUCING THE IMPACT OF OUR PRODUCTS

We believe in the safety of our products and care about their impact on the environment, which is why we seek out industry-trusted, third-party certifiers who test and validate attributes in an unbiased manner. Our product certification portfolio includes:

### HEALTHY INDOOR AIR QUALITY



**UL GREENGUARD** certification is a testing program for low-emitting products and materials. The majority of Sunbrella collections earn the GREENGUARD Gold certification.



Dickson® Flooring Products carry the **FloorScore** certification, the most recognized indoor air quality certification for hard-surface flooring materials, adhesives, and underlayments.

### PROTECTION FROM THE SUN'S HARMFUL RAYS



More than 100 Sunbrella outdoor shade fabrics hold the Seal of Recommendation from the **Skin Cancer Foundation**. The seal signifies that these fabrics pass the foundation's rigorous testing criteria and offer significant levels of sun protection.

### PRODUCT CONTENT TRANSPARENCY



We are members of the **Health Product Declaration® Collaborative (HPDC)** and support its mission to improve the material health of the built environment.

### FREE FROM HAZARDOUS SUBSTANCES/SAFE FOR END USE



**STANDARD 100**

**Standard 100 by OEKO-TEX®** certification indicates that products are free from harmful levels of over 100 hazardous substances, and are safe for their end use. Most Dickson, Sunbrella, and GlenGuard fabrics are certified.



**GreenScreen Certified®** fabrics are free from several classes of chemicals of concern including PFAS, and assure purchasers that the product meets industry Environmentally Preferable Purchasing (EPP) standards. Sunbrella with Assure finish is Bronze certified under the GreenScreen Certified™ for Furniture and Fabrics standard.

### PROVEN SUSTAINABILITY



Glen Raven was the first company to validate fabrics under the **NSF/ANSI 336** Sustainability Assessment, a multi-attribute evaluation tool for responsible manufacturing.

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## NEW LEASE ON LIFE

### END OF LIFE? NO, NEW LEASE ON LIFE!

For more than 50 years, Glen Raven has recycled manufacturing waste and delivered it to partners who convert the materials into industrial products such as felt, automotive insulation, and filtration.

Today, our **Recycle My Sunbrella** and **Recycle My Dickson** programs enable consumers to participate in our recycling process. This special take-back program provides an alternative to disposal for fabric scraps, awning covers, boat covers, and upholstery fabric. No matter your location, customers can return used Sunbrella or Dickson products to start the recycling process. In the US, Trivantage and GRL support these efforts.

Since the inception of these programs, our global teams have collected more than 662,000 pounds of fabric that would have otherwise ended up in a landfill.



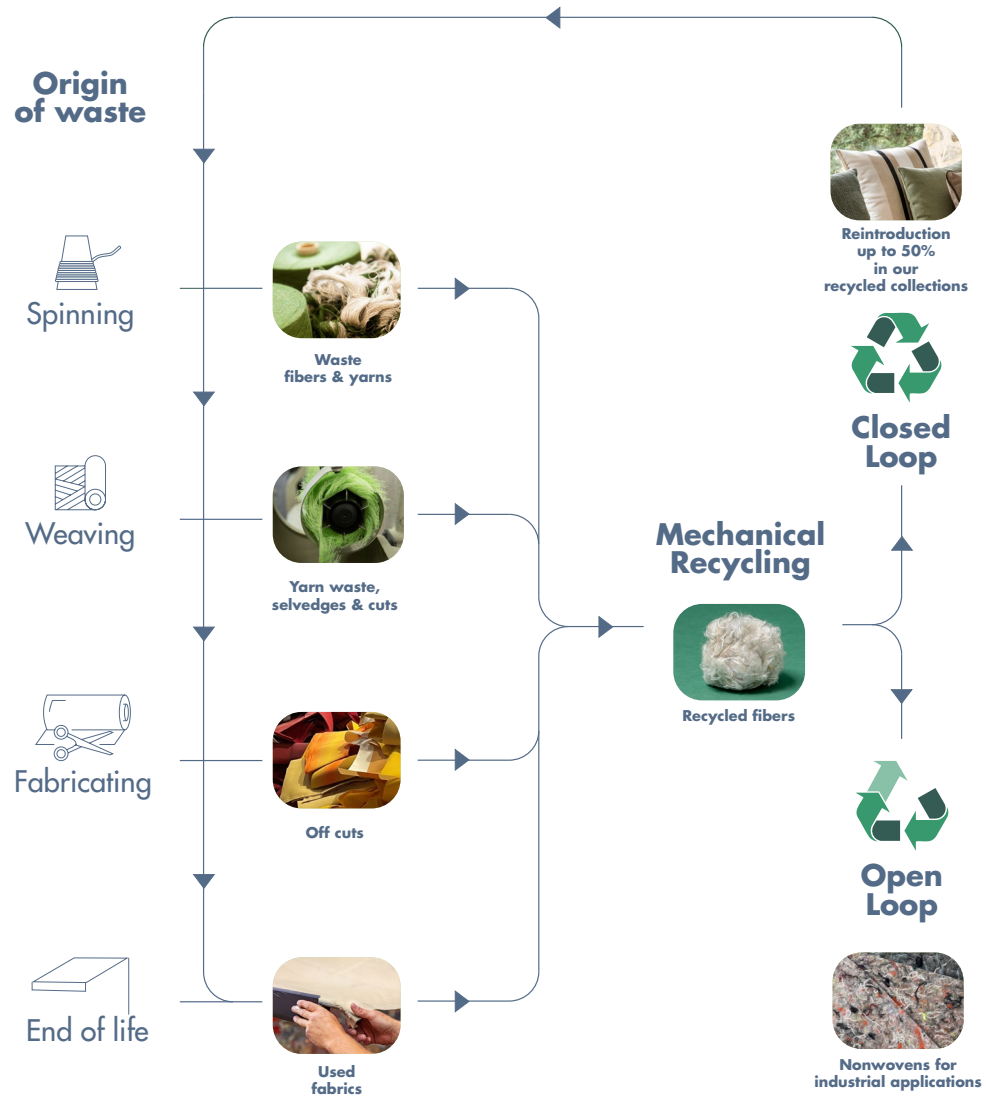
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Recycled fabric pictured

## HOW DOES GLEN RAVEN RECYCLE TEXTILE WASTE?

We use a mechanical recycling process for acrylic that requires no heat, chemicals, or water consumption, allowing us to recover our solution-dyed fibers, the raw material of our products. These high-performing machines produce high-quality recycled fiber.

These fibers are then reintroduced into our recycled collections, while those that don't meet specifications are recovered for industrial applications.



# 662K

Pounds of fabric collected through Recycle My Sunbrella and Recycle My Dickson since 2019





GLENRAVEN.COM

REDUCE OUR IMPACT, NOT OUR AMBITIONS



Glen Raven, Inc.  
1831 North Park Avenue  
Burlington, NC 27217  
+1 336.227.6211

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