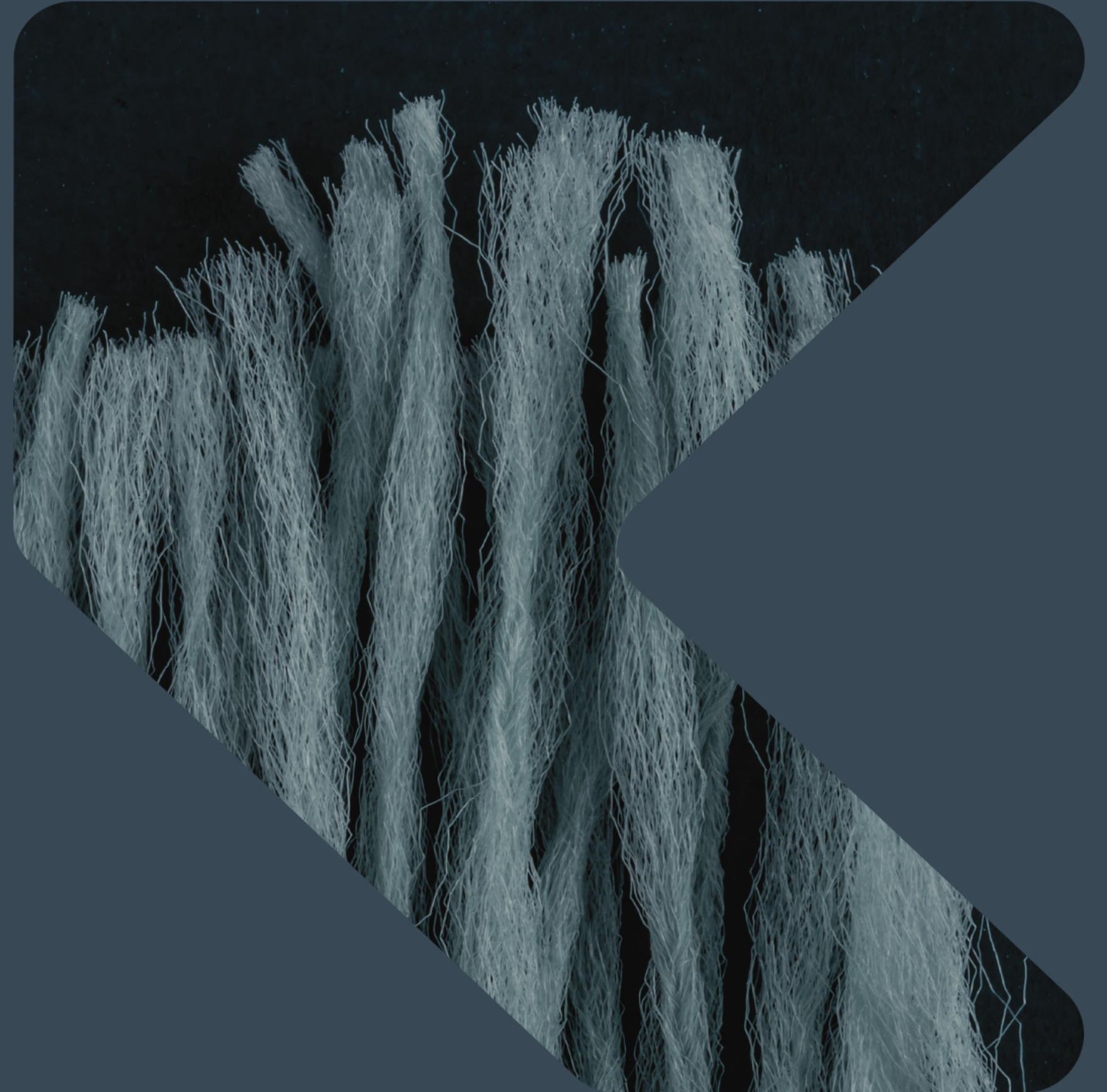




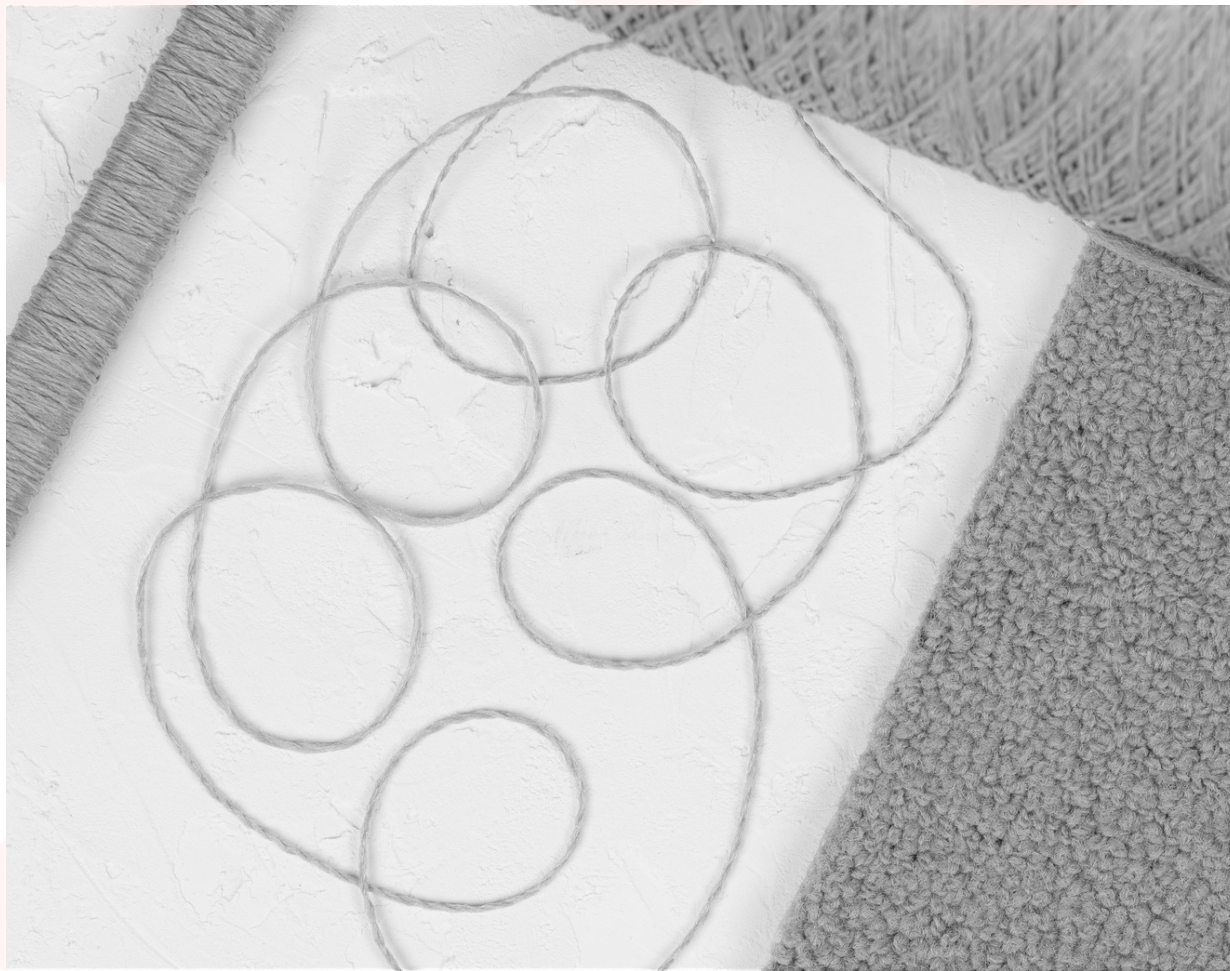
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Frequently Asked Questions
Thrive[®] matter





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WHAT DOES CARBON FOOTPRINT MEAN?

Today, the term “carbon footprint” is often used as shorthand for the amount of carbon (usually in tonnes) being emitted by an activity such as manufacturing a product or organization.



WHAT IS EMBODIED CARBON IN BUILDINGS?

Embodied carbon is the total emissions of GHG from all energy sources used to mine, log, harvest, extract, process, manufacture, and transport to the construction site.





WHAT IS A CARBON OFFSET?

A carbon offset represents the reduction of greenhouse gas (GHG) emissions on a metric ton of carbon dioxide equivalent (CO₂e) basis.

WHY FOCUS ON EMBODIED CARBON?

Annually, the embodied carbon of building structure, substructure, and enclosures are responsible for 11% of global GHG emissions and 28% of global building sector emissions. Eliminating these emissions is key to addressing climate change and meeting Paris Climate Agreement targets*.

*See Architecture 2030





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HOW ARE YOU REDUCING YOUR CARBON EMISSIONS?

Carbon reduction can be achieved in several ways, through process emission reductions and technological approaches. We took a comprehensive approach, targeting both pathways along with energy efficiency projects.





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DID UNIVERSAL FIBERS® BUY ITS WAY TO CARBON NEGATIVE?

No, we continuously reduced embodied carbon (from materials) by at least 10% every year since 2016. We have undertaken efficiency projects both large and small to move the needle. The reality is all the efficiency projects alone will not get us to net zero*.

*See GreenBiz link



IS THIS APPROACH ACCEPTABLE FOR LEED?

LEED is looking to address new market realities. The current draft of LEEDv4.1* integrates offsets with the full diversity of on- and off-site procurement options into a single, streamlined Renewable Energy credit.

*See USGBC.org link



WHAT IS CARBON NEGATIVE?

Carbon-negative means removing CO₂ from the atmosphere or sequestering more CO₂ than is emitted. This is a very ambitious goal.

WHY TARGET CARBON NEGATIVE?

Carbon negative status means we have not only already achieved this goal but have gone significantly further, clearly demonstrating our determination to be a market leader in sustainable, climate-friendly products.





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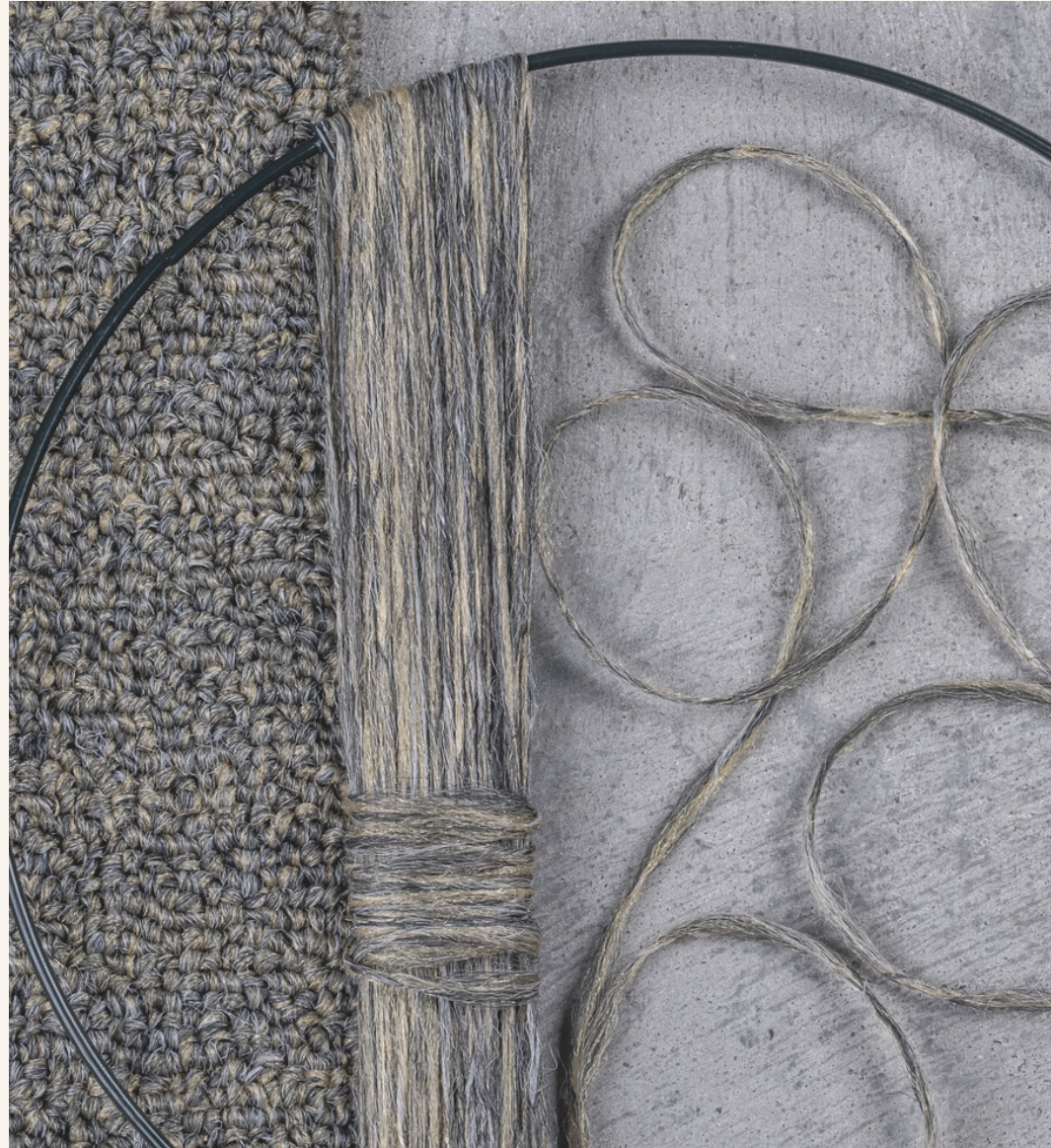
HOW DOES UNIVERSAL FIBERS® MEASURE ITS EMISSIONS?

To calculate our emissions, we partnered with third-party sustainability experts, for a full carbon footprint assessment.



HAVE YOU STOPPED FOCUSING ON RECYCLE CONTENT?

No, just the opposite. We have always worked to maximize the recycled content in all our products. As a pioneer in eco-fiber innovation, we were the first in the industry to produce postconsumer nylon 6,6 fiber. We do this because it matters to us and because we know it matters to you, our customers.



ARE THERE ANY TRADE-OFFS WITH SELECTING THRIVE[®] MATTER?

Absolutely no tradeoffs.

No sacrifice in product performance,
No Red List ingredients*,
and No ingredients listed on the
Cradle-To-Cradle CMR list*.

*reference WAP Sustainability 2017 information report



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SO, WHY THRIVE[®] MATTER?

Thrive[®] matter is available in both nylon 6 and nylon 6,6 globally.

Our most eco-conscious product to date, Thrive matter is high-bulk and lightweight, delivering performance and durability in a wide array of colors. It is also available in our exclusive finish options to capture a wide array of aesthetics to meet every need.



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SO, WHAT IS NEXT FOR UNIVERSAL FIBERS®?

We are continually striving to improve our environmental footprint. Our plan from the start was take the knowledge that we gained from our LCA tool to develop an optimal decarbonization strategy. We have already mapped out additional pathways to support an even lower carbon negative solutions for the future.





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contact

For more information about Universal Fibers®, or our commitments to less carbon and our planet through sustainable practices, processes and products - or to submit a question to include in the next revision to this FAQ sheet, please contact us.

Ranae Anderson

Universal Fibers Global Sustainability Leader

276.645.9861

276.591.6911

Ranae.Anderson@universalfibers.com

www.universalfibers.com

info@universalfibers.com

