

MAJOR FREQUENCY

SCULPTURED FORMS

# Milliken Modular Carpet with Thrive<sup>®</sup> matter

The World's Lowest Carbon Footprint Yarn

## Elevating sustainability in three of your favourite collections.

Our climate is changing. At Milliken Floor Covering, we're committed to finding ways to make a difference.

We take a holistically designed approach which reduces our products' embodied carbon without compromise to quality. That's why we have introduced three of our collections - Major Frequency, Northward Bound and Sculptured Forms with Thrive<sup>®</sup> matter yarn.

### Thrive<sup>®</sup> matter

by



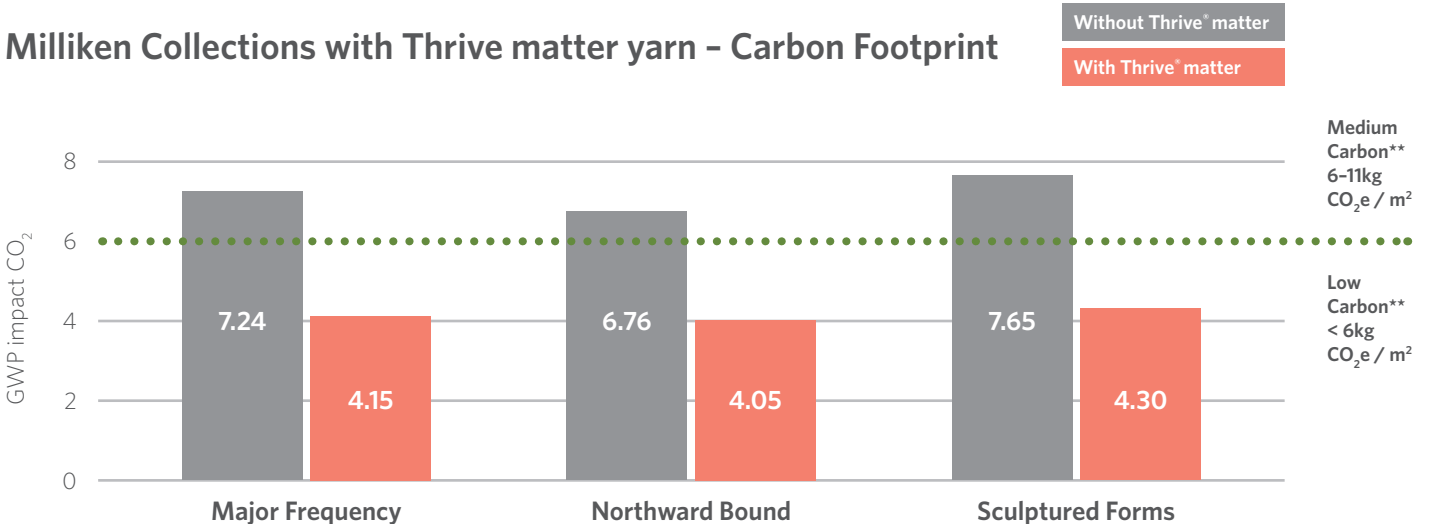
The Milliken logo, written in a classic, elegant cursive script.

# What are the features and benefits of Thrive<sup>®</sup> matter yarn?

<b>Lower carbon footprint</b>	With 85% less CO <sub>2</sub> emissions in production, Thrive <sup>®</sup> matter offers the lightest carbon footprint in the world, as verified by third party EPD
<b>Recycled content</b>	100% post-industrial recycled resin for a total of 90% recycled content
<b>Re-use</b>	100% recyclable
<b>Local sourcing</b>	Universal Fibers sources all materials locally in each region to further reduce carbon emissions associated with shipping and transportation
<b>Zero waste</b>	Diverts largest waste stream, plastic from production, from landfills
<b>Clean energy</b>	Produced in part with carbon free energy – hydro, solar and wind
<b>Optimum performance</b>	Manufactured for longevity and durability
<b>Positive eco-profile</b>	Thrive <sup>®</sup> matter is Declare Red List free – for ingredient transparency



## How has Thrive<sup>®</sup> matter reduced carbon impact in Major Frequency, Northward Bound and Sculptured Forms?



\*\* Flooring as classified by Carbon Forum 2021

# Maximum positive impact includes a smart recycling process.

Thrive matter is certified with 100% recycled resin for a total of 90% recycled content.



## 1. Reclaimed Post-Industrial Material

Pre-consumer waste or "industrial scrap" is used in the production of Thrive® matter. Universal Fibers® recycles its own scrap as well as scrap from various outside industries. Universal Fibers proudly sends zero production fibre waste to landfills.



## 2. Reclaimed Post-Industrial Pellet

Universal Fibers melts down and combines post-industrial material in all of our products, for a total of 90% total recycled content in Thrive matter.



## 3. Colour Concentrate

Our products are 100% solution-dyed. This means water used is minimised in the dyeing and colouration process for all 154+ colours in our Prestiva® palette. In addition, since all colours are developed in-house, lot-to-lot consistency is ensured. This process also supports mergeable capability maximising supply inventory and reducing "tail-out waste."



## 4. Blended Colour Concentrate

Universal Colour® is our proprietary colour palette and system that offers mergeable capability and custom colour flexibility in our sustainable, solution-dyed fibre. Whether you need to match a specific colour or to imagine one that feels entirely fresh, we can bring your vision to life with virtually infinite colour possibilities. Another unique advantage of Thrive matter.



## 5. Available Permanent Stain-Resistance

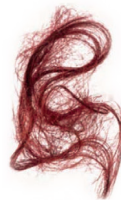
Stain-resist performance is available as a "built-in" additive for nylon 6 Thrive matter products. Unlike common topically-applied treatments, our stain resist performance is permanent. It can never be washed or worn off and will not diminish over time. Not only does this technology provide stain resistance throughout the life of the carpet, it is also recyclable and contains no red list ingredients.

## the Thrive® recycling process



## 7. Thrive® matter

Finished Nylon 6 yarn Universal Fibers® leads the industry in producing innovative finished yarns, offering manufacturers and designers a myriad of versatile styling solutions. Thrive matter products are available in dozens of ready-to-tuft options providing an extensive selection of textures, colours and weights.



## 6. Undrawn Thrive® matter fibre

Thrive matter, nylon 6 solid colour singles. Offered in light weights beginning with 660 dtex, Universal Fibers supports market demand for minimum, yarn weight in carpet. This means lower cost, ease of care and maintenance, and a lower carbon footprint.



GreenCircle® Certified Recycled Content

Milliken

# Life Cycle Assessment Data



**Material:** Nylon 6  
**Product:** Carpet Fibre  
**Unit:** 1 kg fibre  
**Context:** Cradle to Customer Gate  
**Region:** Global

Product Description

Modelling Parameters



2023 Results



**1.2 kg CO<sub>2</sub> eq/kg**  
August 2023 confirmed LCA reduction

## Thrive<sup>®</sup> matter

### Sustainable Attributes

100% pre-consumer resin  
Total Recycled content of 90%  
>99.9% production waste recycled  
100% recyclable  
90% waste diversion from landfill  
Material Health Assessment for C2C

### Process

- Polymer production/recycling
- Colour Compounding
- Material Preparation
- Fibre Spinning
- Finishing / Texturing
- Packaging
- Delivery to Customer

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