



Sunweave

Shadow Pass



Sunweave woven carpet responds to current desires for artisanal materials in the built environment. Inspired by women weavers of indigenous cultures around the world, Sunweave evokes natural patterns found in baskets, blankets and textiles. Shadow Pass features a grand linear ombre shadow that transitions along the loom and, therefore, the floor plane. Sunweave features our new innovative yarn system, Heathered Hues. This fiber's natural texture and blending provides a variegated wool-like appearance. The yarn is dematerialized for a low environmental impact, and no water is used in its production. Sunweave is Red List Free and designed to achieve the stringent requirements of the Living Product Challenge Petal Certification.







# Living Product Challenge

As Mohawk Group continues its journey to Believe in Better, we move one step closer in our quest to create a healthier, socially, culturally rich and ecologically restorative future. Designed to meet the stringent requirements of the Living Product Challenge Petal Certification, Sunweave has a net positive impact for people and the environment through the following innovations in materials, manufacturing and community involvement.



## PLACE PETAL

### Responsible Place & Habitat Impacts

Ensuring protection and improvement of the South Eastern Mixed Forests ecoregion of our commercial woven facility in Eden, NC.

### Habitat Exchange

Donating part of sales to The Trust for Public Land. The Trust for Public Land creates parks and protects land for people, ensuring healthy, livable communities for generations to come.



## WATER PETAL

### Net Positive Water

Saving more water than is used to create Sunweave by retrofitting select dormitories at Hampton University in Virginia with low-flow water fixtures.



## HEALTH & HAPPINESS PETAL

### Transparent Material Health

Ensuring all materials and processes that make our Living Products are safe.

### Human Thriving

Providing Glasgow, VA, and Eden, NC, employees with rich connections to the natural world and continual on-site health and wellness support.



## MATERIALS PETAL

### The Red List

Achieving Declared Red List Free status for all of our Living Products.

### Responsible Industry

Advocating for sustainable resource extraction and fair labor practices within our industry.

### Net Positive Climate

All of our new Living Products are carbon neutral.



## EQUITY PETAL

### Equitable Investment

Partnering with Groundswell to develop community solar projects and programs that connect solar power with economic empowerment, beginning with the installation of four smartflower™ solar systems at STEM schools and communities of concern across the country.



## BEAUTY PETAL

### Positive Handprinting

Creating a larger handprint than footprint in relation to our new Living Products by giving more resources back to the environment than they use during their entire life cycle.

### Inspiration & Education

Educating the public about how the products achieved Living Product Challenge Certification.

### Beauty & Spirit

Using biophilic design and handmade culture principles to create all new Living Products, helping to enrich our connection to the natural world.



Shadow Pass 949 Root, Better Together 736 Spalding

## Heathered Hues CARPET FIBER

Sunweave's urban fabric aesthetic is created with Heathered Hues, Mohawk Group's new high performance color yarn system available in both Duracolor and ColorStrand technologies. This highly sustainable, solution dyed fiber creates high styling and vivid color for all market segments, projects and budgets. Heathered Hues fiber is textured and blended in a desirable palette of warm and cool neutrals with vibrant color accents. Heathered yarns provide visual texture and dimension when tufted, allowing for a variegated wool-like appearance for warmth and sophistication. Designed to do more with less, the yarn is dematerialized for a low environmental impact, and no water is used in production.





# Duracolor FIBER

The performance standard for every application, Duracolor fiber is forever stain free, forever sustainable and forever beautiful, guaranteed\*. Carpet is easy to maintain with inherent stain resistance and water-only stain removal.

## FOREVER STAIN FREE

- Permanent built in protection
- Resists 99% of all stains
- Passes AATCC Test Method 175 combined with pre-abrasion meeting GSA requirements for stain resistance
- Duracolor Warranty: We guarantee it\*

## FOREVER SUSTAINABLE

- Made with a minimum of 30% recycled content\*\*
- No Chemicals required: 96% of all common stains clean with just water
- Declare Red List Free: Duracolor fiber is Declare red list free in accordance with the Living Building Challenge
- Lasts Longer: Product life is extended, reducing the impact to your bottom line and to the environment
- Recyclable through Mohawk's ReCover Program

## FOREVER BEAUTIFUL

- Available in more than 300 colors
- Unsurpassed colorfastness to light and atmospheric contaminants so colors won't fade
- Unmatched design flexibility without compromising color retention or stain resistance
- Proven track record of success over the past 20 years



Competitor Solution  
Dyed/Yarn Dyed Blend



\*See Mohawk Group official warranty documents for further details at [mohawkgroup.com](http://mohawkgroup.com)

\*\*Recycled content claim third party verified by SCS Global Services

# Transparency SUSTAINABLE LEADERSHIP

This carbon-neutral product is designed to achieve the stringent requirements for the Living Product Challenge Petal Certification. The creation and specification of this new product has a net positive impact for people and the environment, through innovations in materials, manufacturing, and community involvement. It is truly sustainable, leaving a handprint rather than a footprint by giving more resources back to the environment than it uses during its entire life cycle.



### Living Product Challenge 1.1

**Mohawk Group**  
The Sunweave Collection: Woven Broadloom Carpet

**Manufacturing Location:**  
Eden, NC, USA



2/2	Place	<b>Petal Certified</b>  <span style="font-size: 2em; font-weight: bold;">18/20</span> Imperatives Achieved Petals Met: Place, Water, Energy, Health & Happiness, Beauty	Life Expectancy: 15 Years End of Life Options: Take-Back Program Functional Unit: 1 sq. yard
1/1	Water		
1/1	Energy		
2/2	Health		
6/7	Materials		
3/4	Equity		
3/3	Beauty		

**Carbon Impact**

- Yarn
- Manufacturing Electricity
- Natural Gas
- SBR Latex
- Waste Water Treatment
- Other

22.20 kg CO<sub>2</sub> Eq



**Water Impact**

- Yarn
- Manufacturing Electricity
- Woven Yarn
- SBR Latex
- Filling Yarn
- Other

0.04 m<sup>3</sup>



**Energy Impact**

- Yarn
- Manufacturing Electricity
- Natural Gas
- SBR Latex
- Filling Yarn
- Other

9.54 kg Oil Eq



**Waste Impact**

- Diverted
- Landfill

WASTE



**Declare.**



Ingredients: Coating: Calcium Carbonate, Butanedioic Acid, Methylene-, Polymer with 1,3-Butadiene and Ethylhexanone, Magnesium Carbonate, Quartz, Sodium Sulfate, Sodium Dodecyl Diphenyl Ether Disulfonate, Sodium Dodecylbenzene Sulfonate, Benzamidefatty Acid, Mono- C10-18-Alkyl Derivatives, Sodium Salts, 2-Propenoic Acid, Homopolymer, Sodium Salt, 2-Propenoic Acid, Methyl Ester, Homopolymer, Hydrolyzed, Sodium Salt, Phosid, 4-Methyl-, Reaction Products with Dicyclopentadiene and Isobutylene, Diphosphoric Acid, Tetrasodium Salt, Sodium Hydroxide, Butanedioic Acid, Methylene-, Quaternary (Patrioquo), Solvent, Dye and Heavy Para Ni, Sodium Edetate; Yarn: Nylon 6, Titanium Dioxide, Carbon Black, Citron Trioxide, Pigment Blue 55, Pigment Yellow 150, Pigment Brown 24, Pigment Red 179, Potassium Bromide, 2-Propenoic Acid, Polymer with Ethene, Pigment Red 56, Silicone Polymer, Backing: Polypropylene, Polyethylene Terephthalate/Polybutylene Terephthalate, Polyethylene, Titanium Dioxide

Verified By: WAP Sustainability  
INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/lpc](http://living-future.org/lpc)

**MHK-LP003**  
**EXP. 06/11/2021**



# Woven Construction

Woven construction is the oldest method of producing textiles. In the weaving process, pile yarns are intricately interlaced into the foundation, creating a structure whereby backing and face yarns become one. The art of weaving also allows for a face construction that is denser than that of tufted carpet, with the result being a carpet that retains its original appearance over time. Time has proven that woven carpets outperform any other carpet construction.

## PERFORMANCE

- Interlaced components eliminate ability to zipper
- Inherent stability—no secondary backing
- Greater appearance retention and resiliency
- Built-in cushion properties
- Denser face construction
- Woven construction extends the life of carpet three times longer than tufted
- The longer carpet lasts the less it costs

## SUSTAINABILITY

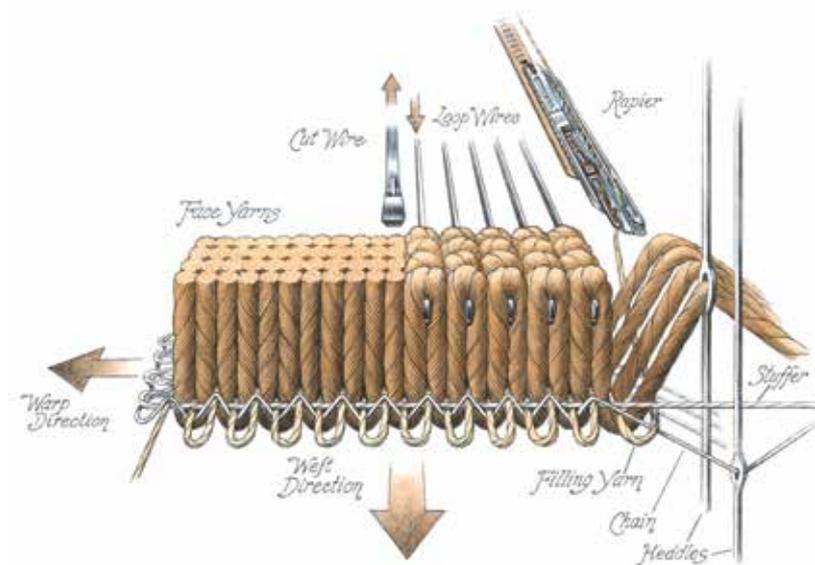
- Extending the life of carpet = less carpet to the landfill
- Declare Red List Free
- CRI Green Label Plus Certified
- Recyclable through Mohawk's ReCover Program
- Exceeds industry standards
- May contribute to or comply with LEEDv4, Living Building Challenge and WELL Building Standard

## INSTALLATION

- Superior construction offers reliability for the life of your installation

## SERVICE

- Quality and experience combine to offer a unique construction not available through all manufacturers



# Specifications

## Shadow Pass KC271

### DESIGN

Size	12' width (3.66m)
Surface Appearance	Level Multi-Colored Patterned Loop
Fiber Type	<b>duracolor</b> ® Premium Nylon
Dye Method	Solution Dyed
Colors Available	4

### PERFORMANCE

Construction	Woven
Stain Release Technology	Permanent, Built into the Fiber
GSA Stain Release Rating	Passes
Soil Release Technology	Sentry Soil Protection
Flammability	ASTM E 648 - Class 1 (Glue Down)
Smoke Density	ASTM E 662 - Less than 450
Static Propensity	AATCC - 134 Under 3.5 KV

### SUSTAINABILITY

Certification	Living Product Challenge Petal Certified; Declare Red List Free
Indoor Air Quality	Green Label Plus Certified #3802
NSF 140	Gold

### SERVICE

Warranties	Lifetime Limited Woven Wear Warranty, Lifetime Static
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Mohawk Group warrants its adhesives for the life of the original installation only when a Mohawk Group style (product) is installed. Mohawk's floor preparation procedures must be followed to ensure that the substrate has been prepared properly. Failure to use Mohawk Group adhesives or to follow Mohawk's floor preparation procedures will void all lifetime adhesive warranties. Please contact your local Sales Representative for installation guidelines.

**These patterns contain inherent characteristics which may result in pattern run off and/or pattern appearance variations at the seams or tile edges (darker or lighter pattern lines). These characteristics are inherent in the patterns and are not manufacturing defects. Consideration to these characteristics should be given when selecting an installation method.**

Chair pads are recommended under office chairs with roller casters to preserve appearance retention, act as a deterrent toward delamination and to prevent premature or accelerated wear. Walk-off tiles from the Tuff Stuff II Collection are recommended at entryways to reduce soiling.

Duracolor by Mohawk Stain Resistant System passes AATCC Test Method 175 combined with pre-abrasion meeting GSA requirements for stain resistance. Under GSA requirements stain resistant carpets must score no less than 8.0 (10.0 is best) on the AATCC Red 40 Stain Scale. Carpet samples must first be exposed to 100 revolutions of the

Taber abrader (1,000-gram weight per H-18 wheel) and then the abraded area must be stain tested using AATCC tested using AATCC test method 175.

Mohawk Group is providing this architect folder for the purpose of promoting our commercial business. This folder and its samples shall remain the property of Mohawk Group. Color may vary from dye lot to dye lot. Substitution of material may be made due to improved technology, supply limitations or other factors. The performance of this product is not affected by such variations.

For current and complete specifications please visit [www.mohawkgroup.com](http://www.mohawkgroup.com)



877-3RE-CYCL

Produced with recycled materials

