





Grassland in Verdant, 25cm x 1m planks, ashlar installation



Grassland in Verdant, 1m tile, ashlar installation



Shoreline in Verdant, 25cm x 1m planks, ashlar installation



Shoreline in Verdant, 1m tile, ashlar installation



Terrain in Verdant, 25cm x 1m planks, ashlar installation



Terrain in Verdant, 1m tile, ashlar installation

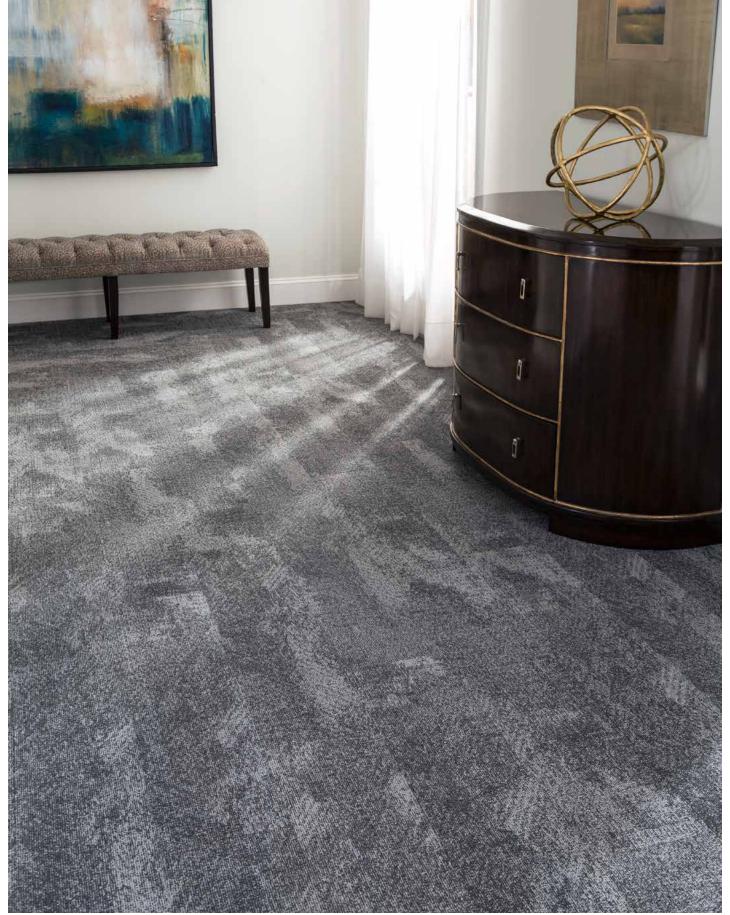


Undercurrent in Verdant, 25cm x 1m planks, ashlar installation



Undercurrent in Verdant, 1m tile, ashlar installation





Grassland in Halcyon, 25cm x 1m planks, herringbone (left) & ashlar (right) installation





**MADE-TO-ORDER** These six patterns were selected by our design team to inspire your custom projects. These patterns are available at minimum order quantities. See your sales representative for details.



Wildwood (made-to-order) in Verdant, 25cm x 1m planks, ashlar installation



Forest Floor (made-to-order) in Verdant, 25cm x 1m planks, ashlar installation



Foliage (made-to-order) in Verdant, 25cm x 1m planks, ashlar installation



Ridgeline (made-to-order) in Verdant, 25cm x 1m planks, ashlar installation



River's Edge (made-to-order) in Verdant, 25cm x 1m planks, ashlar installation



Sea Spray (made-to-order) in Verdant, 25cm x 1m planks, ashlar installation

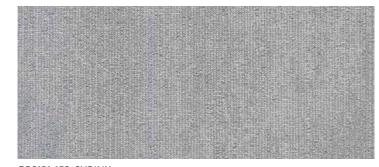
## Colorline shown in Grassland



GRS21-48 HARMONY (Shoreline SHR21-48, Terrain TER21-48, Undercurrent UNR21-48)



GRS6-144 ACREAGE
(Shoreline SHR6-144, Terrain TER6-144, Undercurrent UNR6-144)



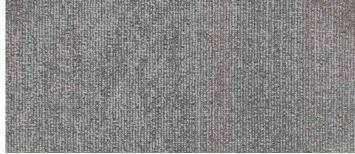
GRS131-153 SYRINX (Shoreline SHR131-153, Terrain TER131-153, Undercurrent UNR131-153)



GRS4-37 SERENE
(Shoreline SHR4-37, Terrain TER4-37, Undercurrent UNR4-37)



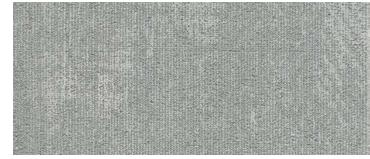
GRS124-94 REED
(Shoreline SHR124-94, Terrain TER124-94, Undercurrent UNR124-94)



GRS153-174 POETIC
(Shoreline SHR153-174, Terrain TER153-174, Undercurrent UNR153-174)



GRS13-180 HALCYON
(Shoreline SHR13-180, Terrain TER13-180, Undercurrent UNR13-180)



GRS101-132 TRANQUIL
(Shoreline SHR101-132, Terrain TER101-132, Undercurrent UNR101-132)



GRS59-94 PASTORAL (Shoreline SHR59-94, Terrain TER59-94, Undercurrent UNR59-94)



GRS10-118 SYLVAN (Shoreline SHR10-118, Terrain TER10-118, Undercurrent UNR10-118)



GRS106-79 IDYLLIC (Shoreline SHR106-79, Terrain TER106-79, Undercurrent UNR106-79)



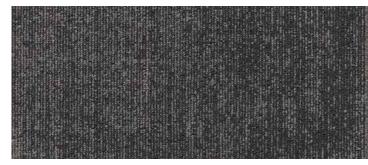
GRS71-101 VERDANT
(Shoreline SHR71-101, Terrain TER71-101, Undercurrent UNR71-101)



GRS178-59 ODIC
(Shoreline SHR178-59, Terrain TER178-59, Undercurrent UNR178-59)



GRS66-133 EKHO
(Shoreline SHR66-133, Terrain TER66-133, Undercurrent UNR66-133)



**GRS27-79 SLATE** (Shoreline SHR27-79, Terrain TER27-79, Undercurrent UNR27-79)



GRS52-119 CELESTIAL
(Shoreline SHR52-119, Terrain TER52-119, Undercurrent UNR52-119)

## ADVANTAGES OF MILLIKEN CARPET TILE



## **Cushion Backing**

Comfort Plus® & Underscore™ are Milliken's latest generation cushion backing systems and are standard on Milliken modular carpet products. In addition to providing superior underfoot comfort and significantly improving the carpet's wear performance, these cushion backings also offer ergonomic, acoustic, and environmental benefits.

Milliken cushion backing protects the carpet face from wear and can extend the carpet's life by up to 40%. Acting like an insulating shock absorber, Milliken cushion backings protect against wear, improve appearance retention and enhance comfort and safety. Cushion backing also helps Milliken carpets earn test ratings of Severe in the TARR system.

Milliken cushion-backed carpet tiles are unmatched in moisture management. They stop liquids at the surface and wick moisture away from the sub-floor thereby reducing conditions for mold and mildew growth. By allowing high levels of moisture to be transported through the tile, Milliken modular tiles can handle water vapor emissions up to 85% relative humidity. This unique feature eliminates one less worry about carpet in a high-humidity environment.

#### **Cushion Improves Acoustics**

Much emphasis is placed on the need to reduce unwanted noise in corporate and public spaces. Reducing noise levels can improve comfort, well-being, the ability to concentrate and yield higher performance and productivity. Milliken cushion-backed tiles achieve an improvement in sound absorption performance by absorbing sounds across a wide range of frequencies including those most associated with human speech. Milliken's cushioned carpet tiles absorb up to 50% more noise than hard-backed carpets and up to 12X more than hard surface and rubber flooring. Better yet, the new LEED v4 rewards designers for providing spaces that facilitate better communications by offering up to 2 LEED points. Clearly, acoustics matter.



## TractionBack®

TractionBack® is a remarkable bio-based, high-friction coating that keeps our PVC-free carpet tile securely in-place without additional adhesives, floor sealers or primers. Applied during the manufacturing process, carpet tiles with TractionBack® require no manipulation, additional taping, or gluing steps in the field. Ready to install out-of-the-box makes installation, moving, or replacing Milliken carpet easier on you and the environment.

- Reduces or eliminates the need to prime or seal the floor
- Reduces or eliminates adhesive cost and saves on installation labor
- Eliminates the tools and labor to add other attachment mechanisms to the carpet tile
- Reduces or eliminates time spent spreading wet adhesives and waiting to dry
- Eliminates unnecessary waste like 'peel and stick' film covers
- Reduces or eliminates VOC off-gassing typically associated with floor sealants and adhesives

- allowing faster carpet installation and space
- Stays in place even under high water vapor
   omissions
- Allows high levels of moisture to be transported through the tile
- Reduces or eliminates damage to raised access floors and high-quality sub-floors, leaving little or no residue
- Tiles can be lifted and re-placed multiple times without losing traction effect



### Sustainable

At Milliken, sustainability is core to our culture. We believe a healthy enterprise and healthy earth are vitally linked. We care about and respect each other, our customers, and the world we share. While we hold ourselves accountable to the highest ethical standards, we derive our greatest satisfaction from creating innovations that help solve the worlds' problems at a human level—adding value to people's lives, improving health and safety, and making this world sustainable.

Milliken has also demonstrated a commitment to transparency by disclosing the components of our commercial carpet tile products through Declare®, a voluntary labeling program and database operated by the International Living Future Institute™, and complies with the Red List Imperative of the Living Building Challenge™.

#### **Examples of Our Commitment:**

- Zero waste to the landfill from our Milliken US carpet manufacturing facilities since 1992.
- 46% of the energy used in the manufacture of our carpet is renewable through company owned hydroelectric facilities and local landfill methane gas harvesting.
- Milliken Carpet tile products have Environmental Product Declarations (EPD's) that are third party certified by Underwriters Laboratory (UL).
- All Milliken Carpet products are free of the 15 Red List chemicals defined in the Living Building Challenge.
- All global Milliken products are third-party certified carbon neutral by the Leonardo Academy. Carbon dioxide created in the manufacturing of all Milliken products globally is offset through company owned sustainably managed forests and green energy producing facilities.

- Product Life Cycle Assessments (LCA) are used for New Product Development. Milliken has used the Design for Environment (DfE) process for our commercial carpet products since 2002.
- Our Comfort Plus® polyurethane backed cushion increases the life of carpet more than 40%.
- All Milliken Carpet products are 3rd party certified NSF-140 Gold or Platinum.
- All U.S. plants are certified as OSHA VPP STAR
   Sites
- All carpet manufacturing sites are ISO-14001 Certified—the highest global standard for environmental responsibility.
- First US carpet manufacturer to obtain carpet manufacturing certification for the ISO 9000 Series Standard for quality.



## StainSmart®

StainSmart® is a proprietary treatment applied to Milliken modular carpets to provide Stain Repel, Stain Resist and Soil Release characteristics. This treatment provides state-of-the-art protection against penetrating stains and soil. It's a dual action technology that enables liquid and oil-based spills to bead up and be easily removed from the carpet. The treatment becomes an inherent part of the carpet so it's durable over years of use, even in high traffic.

**Stain Repel:** StainSmart allows many liquid spills to be blotted and removed easily before they can penetrate beyond the carpet surface.

**Stain Resist:** This chemistry blocks the dye sites of the nylon fiber, lessening the ability of a stain to bond with the fiber.

**Soil Release:** Prevents soil from adhering to or imbedding in the fiber surface and enhances the efficiency of soil removal when proper cleaning techniques are followed.

Milliken warrants that carpet treated with StainSmart will resist soiling and staining during the lifetime\* of the carpet. Proper maintenance is vital to the long-term effectiveness of the StainSmart treatment. Soaps used in wet-cleaning processes, especially spin bonnet, can cause rapid resoiling and effectively negate the protection built into the product. Milliken recommends the MilliCare® Textile and Carpet Care Service Network.

\*Lifetime is defined as the period of time that the original purchaser of the carpet chooses to keep the carpet on the floor at the original installation site.

### **ARCADIA**

# Grassland / Shoreline Terrain / Undercurrent

Have you seen our other collections? Visit us online today.









Quadrus

#### Construction

Tufted, Loop

#### **Tile Size**

LVT

1 m x 1 m (39.4" x 39.4") 25 cm x 1 m (9.8" x 39.4")

#### Yarn Type

Universal® Fibers Solution-Dyed Nylon Type 6,6

## Stain Repel / Stain Resist / Soil Release

StainSmart®

#### **Tufted Face Weight**

Grassland: 14.0 oz/yd² (475 g/m²) Shoreline: 15 oz/yd² (509 g/m²) Terrain: 14.4 oz/yd² (488 g/m²) Undercurrent: 14.1 oz/yd² (478 g/m²)

#### **Finished Pile Height**

0.156" (3.96 mm)

#### **Average Density**

Grassland: 5,495 Shoreline: 5,864 Terrain: 5,630 Undercurrent: 5,534

#### **Standard Backing**

PVC-Free Underscore™ ES Cushion
1m square tiles are available with TractionBack®

## **Texture Appearance Retention Rating (TARR)**

Heavy

#### **Recommended Installation Methods**







MONOLITHIC ASHLAR

PLANKS

#### TractionBack®

Simplify your modular installation with Milliken's patented TractionBack®, an innovative backing system that is faster, more cost efficient, and environmentally superior to wet adhesives and peel-and-stick carpet tile.









This cushion-back carpet tile product is covered by one or more patents, published applications and/or patents pending. Specifications are subject to normal manufacturing tolerances and may be changed without prior notice.

#### Growing greener for over 100 years.

This product has a UL® Environment 3<sup>rd</sup> party verified Environmental Product Declaration(EPD). A copy of the EPD is available online at millikencarpet.com/epd and productguide.ulenvironment.com.