

STAND OUT!?

--Dr. Seuss

EDUCATION

K-12 SCHOOLS

Whether in a classroom, hallway, library, or sports complex, carpet can define and inspire within the learning environment. Milliken will help you create inviting, supportive, and sustainable spaces for learning through modular carpet options that meet the tightest installation schedules.

Milliken™

PARTNERING FOR THE FUTURE OF EDUCATION

We understand that creating high-performance learning environments involves more than technical specs and hard costs. There's also the challenge of satisfying the requirements of very diverse stakeholders; from the community and school board, to parents and staff, and the ultimate stakeholders—the students.

Milliken modular carpets help provide your school with a facility that enhances learning, improves student achievement, and creates a place of community pride. In addition to these benefits, our carpet tile is easier to maintain, helps alleviate floor moisture, and comes with 14 lifetime warranties against concerns such as staining, soiling, delamination, edge ravel, and color pattern loss.

Milliken is an experienced carpet provider with over 7,500 school installations and counting. Our broad array of easy-to-use modular carpet tile, entryway systems, dust control mats, and optional on-site Millicare® cleaning services simplify maintenance and transform school environments to help improve student performance and increase teacher retention.

Milliken's PVC-free cushion backed modular carpets offer:

- Unmatched moisture management to stop liquids at the surface and help wick water vapor away from the sub-floor.
- Best-in-class acoustics, reducing noise up to 25-50% more than other carpet.
- Unparalleled durability to protect your investment with 'severe' Texture Appearance Retention Rating products.
- Anti-microbial and stain repel and release technologies creating easy to maintain carpets.
- Customizable collections that incorporate school colors create a source of school pride and community connection.
- Improved indoor air quality (IAQ) and faster, easier carpet installation with TractionBack® modular tiles.

Learn how the innovations in Milliken carpet can transform your school's learning environment and help improve student performance.



Grand Rapids Christian Middle School - Grand Rapids, MI

Get more at millikencarpetsamplestudio.com



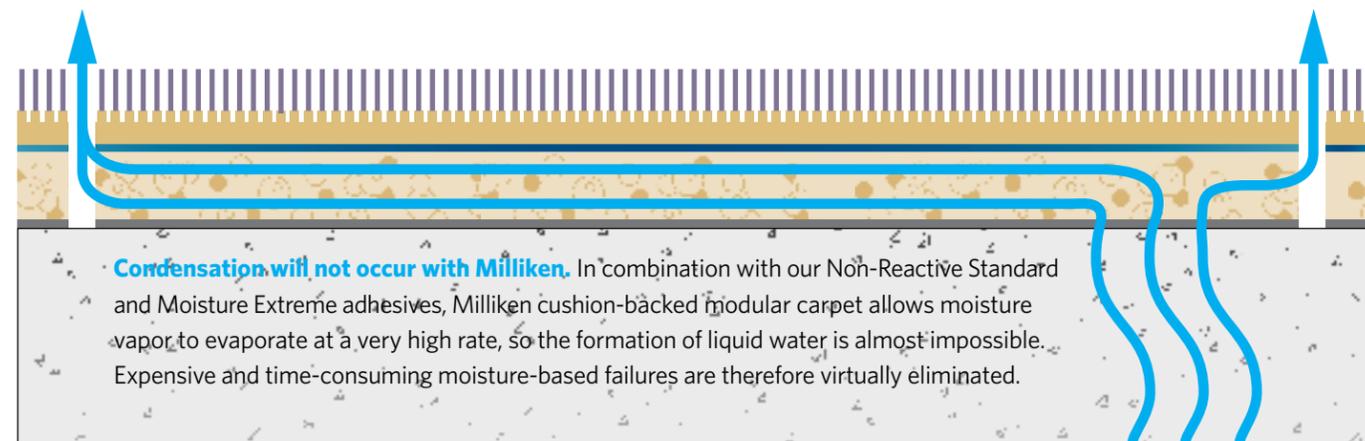
Gateway Elementary School - Omaha, NE

INSTALLATION + MILLIKEN = ZERO WORRIES

Whether you're installing carpet as part of a renovation or new construction project, Milliken's polyurethane cushion-backed carpet can save you thousands of dollars by reducing or eliminating costly floor prep and moisture mitigation – not to mention the ability to stay on schedule and reduce overall risk.

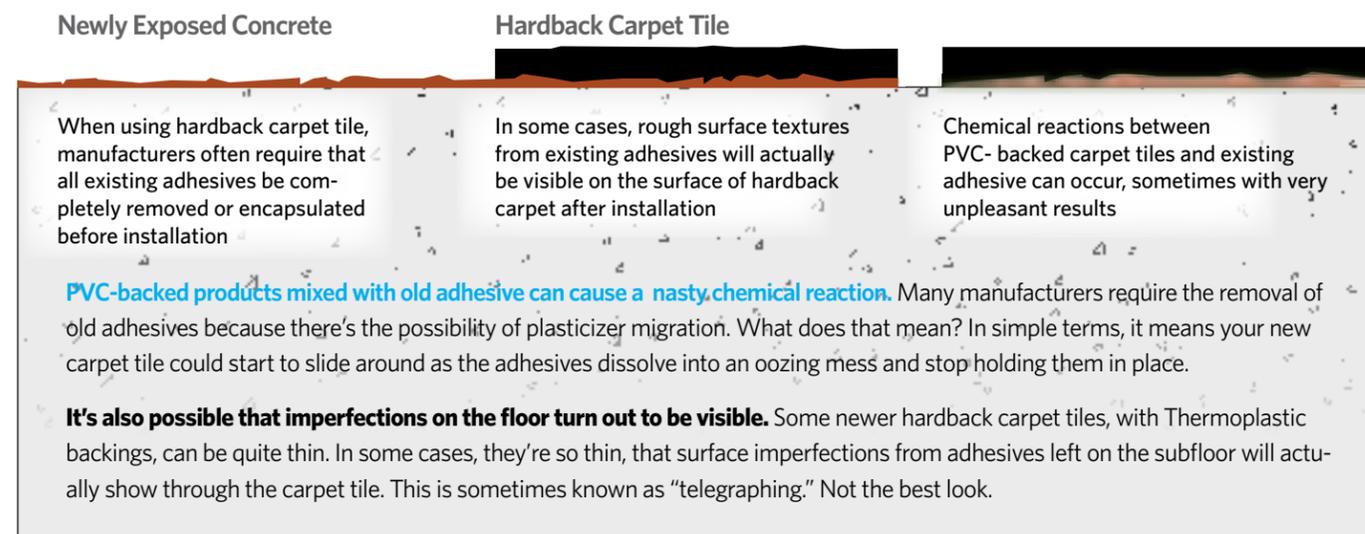
Moisture mitigation is built directly into every standard Milliken carpet tile

Moisture is a disruption in the school environment that no one wants. Milliken modular carpets have an unmatched moisture management system to stop liquids at the surface and wick moisture away from the sub-floor, thereby reducing and controlling conditions for mold and mildew growth. This control is made possible by multiple Milliken innovations: the cushion backing system, our StainSmart® stain and spill resist technology, and our AlphaSan® anti-microbial protection. Milliken stands behind all of our cushion-backed modular carpet products with a lifetime warranty against adhesive breakdown due to moisture vapor emissions. In most cases, our products have no pH or RH limits. And Milliken does not require moisture testing prior to installation.



Milliken modular carpet virtually eliminates floor prep

In most renovation projects, floor prep can quickly become a major undertaking. Grinding or mechanically removing existing adhesive can adversely affect indoor air quality — not to mention the time it takes to do the work. Getting the floor ready may turn out to be more expensive and complicated than you think.



Visit millikenfloors.com/technical for more information on our site related solutions.

BETTER ACOUSTICS = BETTER LEARNING

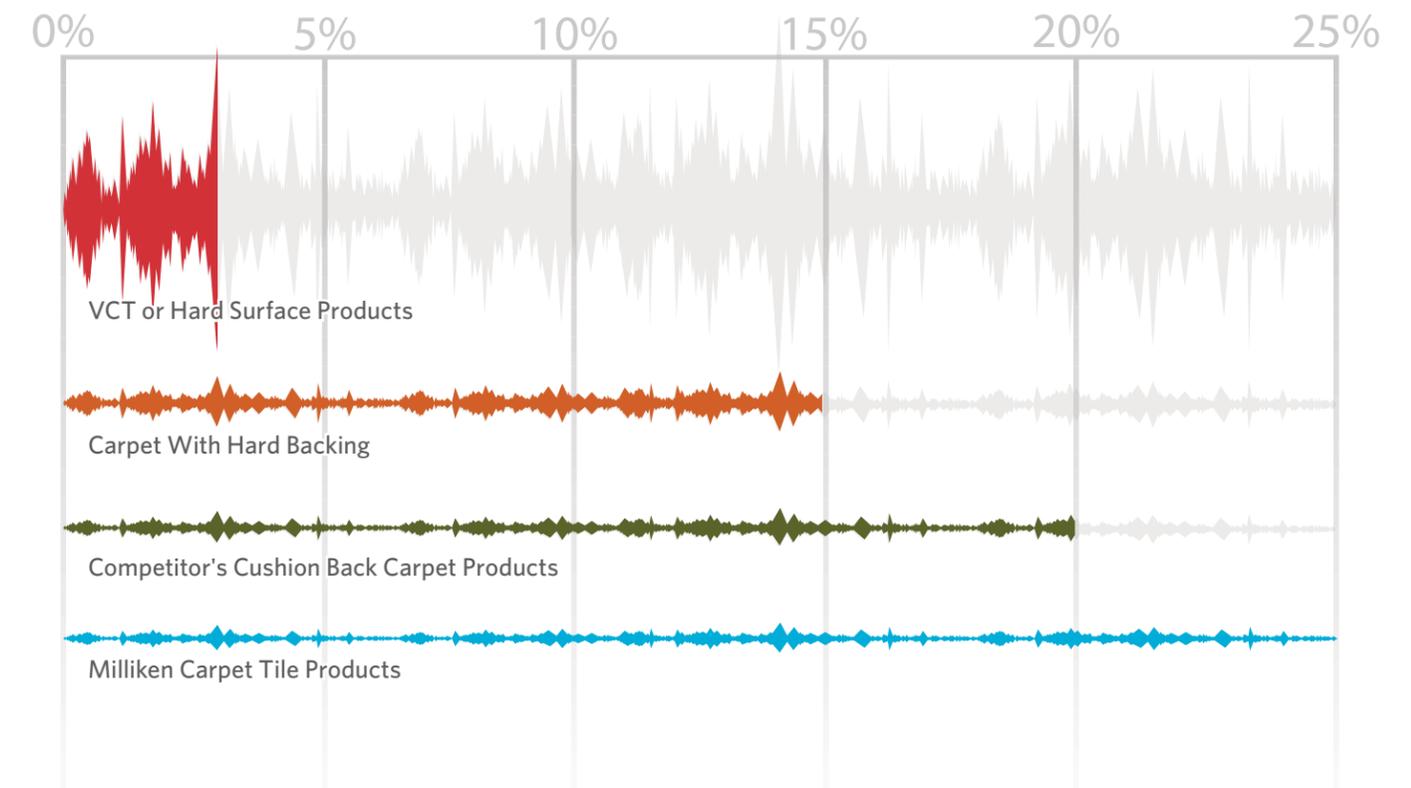
In a study by Beth Shapiro & Associates, more than 70% of teachers preferred carpet in their classrooms. So we designed a carpet tile to provide the best acoustical performance in the market.

The best-in-class acoustics provided by Milliken carpets make it easier for students and teachers to hear, concentrate, and ultimately improve test scores. Numerous studies show that reduced noise levels improve knowledge retention and error rates among students while minimizing vocal chord strain among teachers.

Milliken's cushioned carpet tiles absorb up to 50% more noise than hard-backed carpets and up to 12 times more than hard surface and rubber flooring. Better yet, the new LEED v4 rewards schools for providing classrooms that facilitate better teacher-student communications by offering up to two LEED points. Clearly, acoustics matter.

According to **David M. Sykes, Ph.D.**, "Children do not effectively listen in reverberant conditions. A reverb time of 0.8 – 1.1 seconds is a good target. Proper acoustics helps focus improve 48% and decreases error rates 10%. It especially helps non-native English speakers."

NOISE REDUCTION COMPARISON



Higher noise reduction results in less reverberation, which in turn leads to better learning—improved listening and higher knowledge retention for students and less vocal cord strain for teachers.

MILLIKEN = DURABILITY AND LESS MAINTENANCE

Milliken's cushioned carpets are engineered to last and simplify facility design and maintenance. From libraries to food courts, hallways to sports complexes — and, of course, classrooms — Milliken's multi-layered cushioned carpet tile is rigorously constructed for rugged durability and versatility.

With almost 150 years of experience in textiles and nearly 50 years in carpet design and manufacturing, our carpet begins with high performance nylon fiber designed to withstand wear and tear in the toughest environments. To enhance durability, we tuft fibers and support them with a PVC-free cushioned backing, which absorbs shock from thousands of footsteps each day. In fact, Milliken carpet tiles can retain their appearance up to 40% longer than non-cushioned tiles, increasing the life span of your purchase. This performance is equivalent to a rating of 'severe' against the most rigorous tests (TARR) in the industry.

What does 'severe' rating mean for a school? The rating is typically reserved for products that can stand-up to the extreme foot traffic of an airport. We're confident it will last years at your school, no matter how fast the school year flies by. To back this up, we have a warranty protecting against wear over the life of the carpet.

You'll also have the support of the most comprehensive lifetime warranty packages in the industry. The carpet you buy today will stand up to years of foot traffic, sunlight, spills and more - and still look like new. We guarantee it with our StainSmart® and AlphaSan® technologies, which come standard on all Milliken carpets.

When you consider the cost of caring for floors, Milliken carpet becomes even more appealing. The simple math speaks for itself.

COST IN MAINTENANCE
(Per 1000 ft / Per Year)



\$140
VCT



\$58
Carpet

MAINTENANCE HOURS
(Per 1000 ft / Per Year)



173
VCT



62
Carpet

VINYL COMPOSITION TILE (VCT) VS. CARPET

CARPET TILE BENEFITS

- Carpet is 31-53% less expensive to maintain than vinyl composition tile.
- Hard surfaces require 2 ½ times more cleaning than carpet.
- Supplies for maintaining vinyl floors cost roughly 7 times more than those needed for a carpeted surface.
- Saves on energy costs with unrivaled thermal insulation via our patented cushion backing.
- Reduces airborne allergens to help improve HVAC air flow.
- Bio-based Traction Back® tiles do not require additional adhesives and can be safely installed with the building occupied.

Get more at millikencarpetsamplestudio.com



York Comprehensive High School - York, SC



Kalamazoo Public Library - Kalamazoo, MI



Raymond Elementary School - Franksville, WI

WE CARE ABOUT SCHOOL PRIDE... IT MATTERS

School pride is not reserved for under the Friday night lights. Studies show that pride in a facility can help to reduce absenteeism and increase morale, which drive improvements in both student performance and teacher retention. There's even data showing that the right school environment fosters a sense of student ownership for building appearance. (Matt Brown, York CCHS)

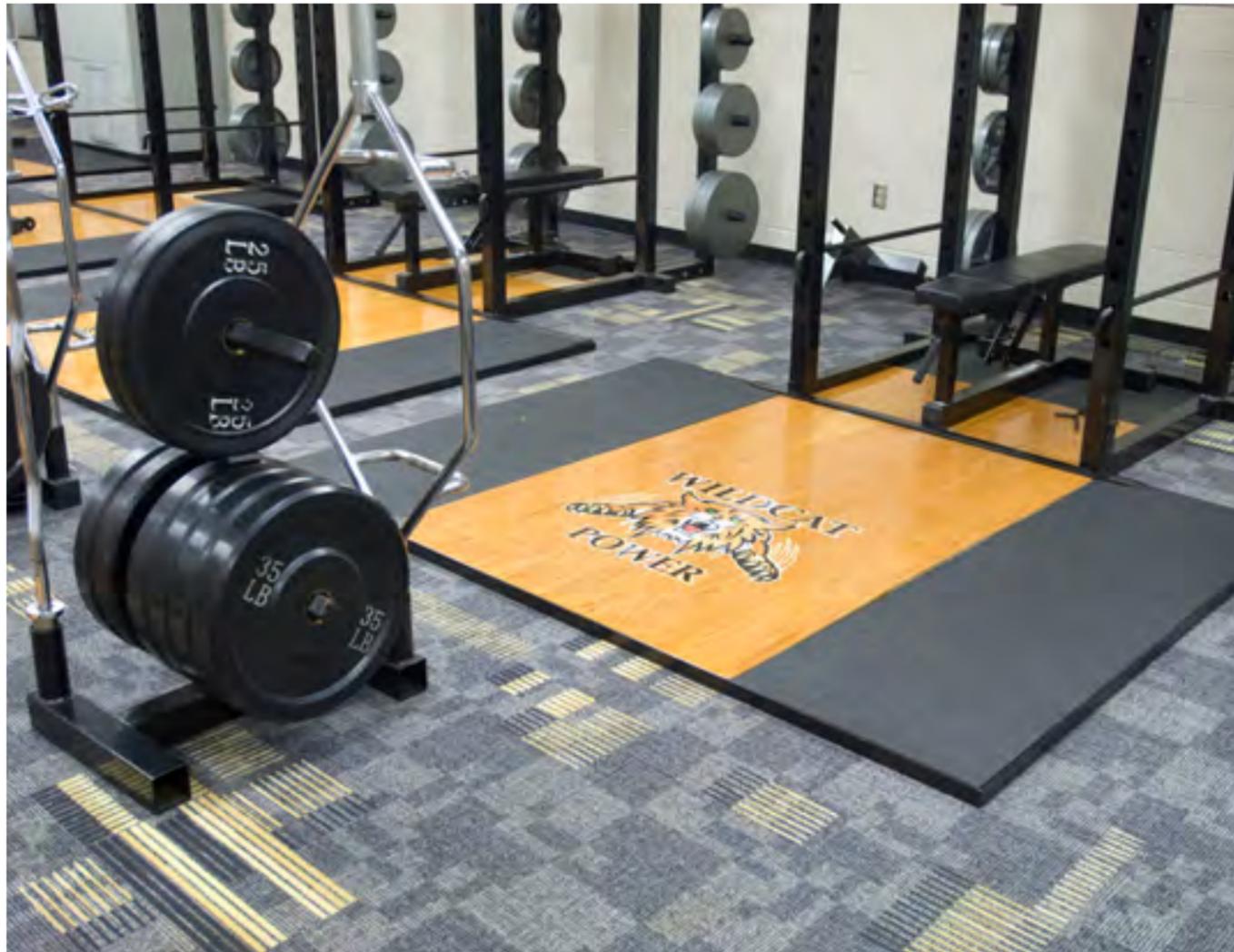
Milliken's broad range of color and patterning technologies allows us to easily design and adapt existing carpets to transform your school into a place of community pride.

- A variety of tile sizes, including 50cm, 1m, and planks, allow flexible design arrangements of standard product and the introduction of color in key areas.
- A blend of dull and bright nylon fibers help to reduce staining and soiling while still highlighting vibrant school colors.
- Collections offer a broad range of colors allowing made to order carpet tiles a cinch, without adding costs, minimums and delivery time.

Carpet selection can play a vital role in creating a stimulating and inspiring environment for students of all ages while also providing incredible functionality. Optimal solutions for schools are designed with anti-microbial, anti-static, and stain resistant technologies, which increase the life of the carpet. In addition, modular carpet also provides added maintenance benefits as individual tiles can be easily lifted to access the floor, swap tiles, or change their direction to achieve a new look.

Matt Brown, Assistant Superintendent of York County Comprehensive High School explains:

"Besides the obvious improvements of sound quality, underfoot comfort, and ease of maintenance, the mere installation of the intriguing tile colors and patterns throughout the building have positively impacted employees, students and visitors."



Blacksburg High School - Blacksburg, SC



Black River Falls Elementary - Black River Falls, WI

LESSONS LEARNED IN SUSTAINABILITY

Milliken is focused on delivering innovative flooring solutions to schools that build a creative, performance-encouraging learning environment and place for community pride while having zero impact on the planet.

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.

In fact, our holistic approach to sustainability guides every decision we make. We achieve this by making use of alternative energy sources to power our operations and recording zero waste to landfill from our carpet manufacturing sites since 1992, among other sustainability initiatives. We continue to pledge No Carpet to Landfill, we help our customers find better options for disposing of old carpet through the Milliken Carpet Landfill Diversion Program.

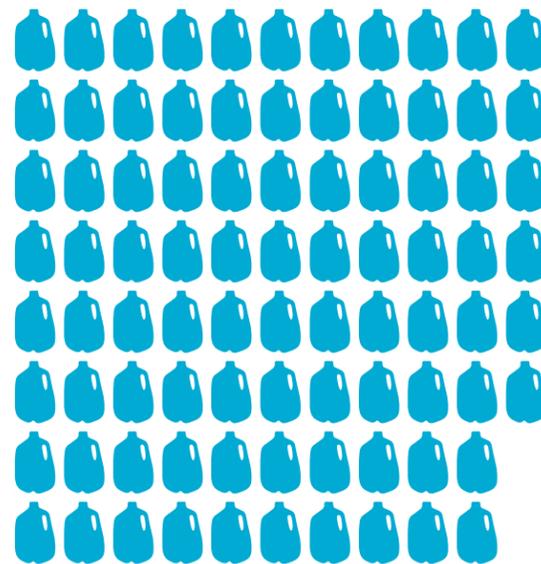
In addition Milliken carpet is:

- PVC and plasticizer-free
- NSF 140 Gold and Platinum certified
- SMaRT® Platinum certified
- CRI Green Label Plus® Certified

Indoor Air Quality (IAQ) deserves special consideration in creating an environment for young, developing minds. Milliken products have been PVC free for more than 20 years, and recent innovations, such as TractionBack® to enable sealant and adhesive-free installations, continue our commitment to improve IAQ.

For more information, request a copy of our latest Global Sustainability Report, or download a digital version at: millikenfloors.com/sustainability

GALLONS OF WATER SAVED WITH MILLICARE



Yearly total savings per 1000 square foot carpet installation, with 2 scheduled cleanings per year.

86 GALLONS

LEED CREDITS FOR K-12 SCHOOLS

- MR Credit 2: Construction Waste Management
- MR Credit 4: Recycled Content
- MR Credit 5: Regional Materials
- IEQ Credit 3.1/3.2: Construction IAQ Management Plan
- IEQ Credit 4.1: Adhesives and Sealants
- IEQ Credit 4.3: Flooring Systems
- IEQ Prerequisite 3: Minimum Acoustical Performance
- IEQ Credit 9: Enhanced Acoustical Performance
- IEQ Credit 10: Mold Prevention
- ID Credit 1

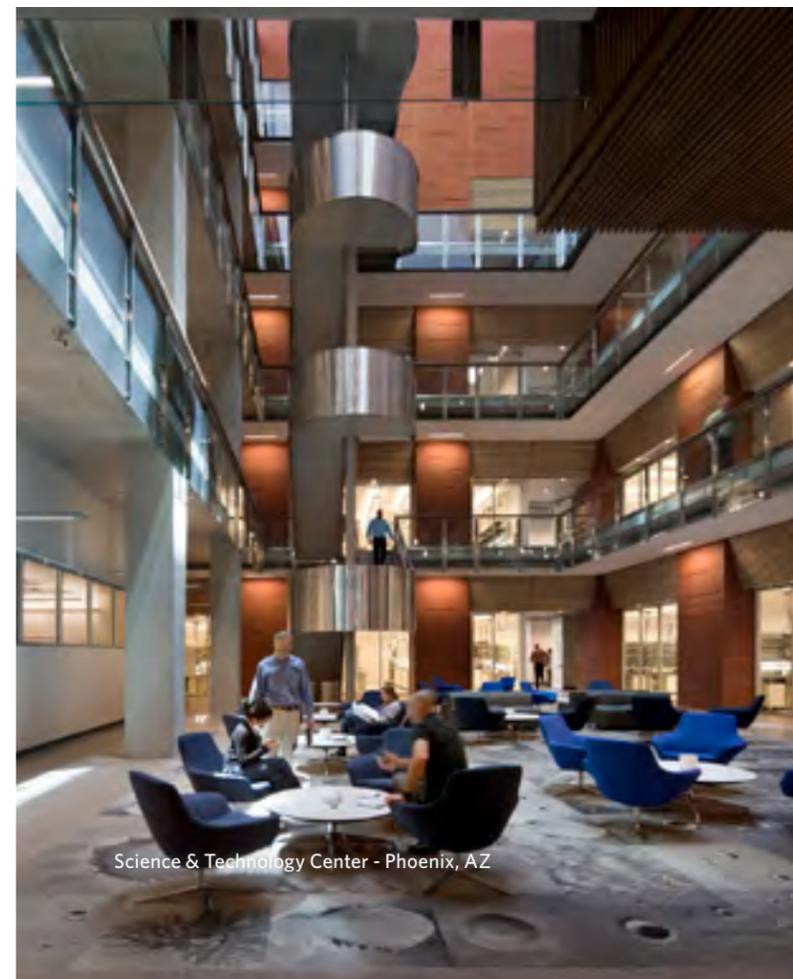


Visit MillikenCarpet.com for more details.

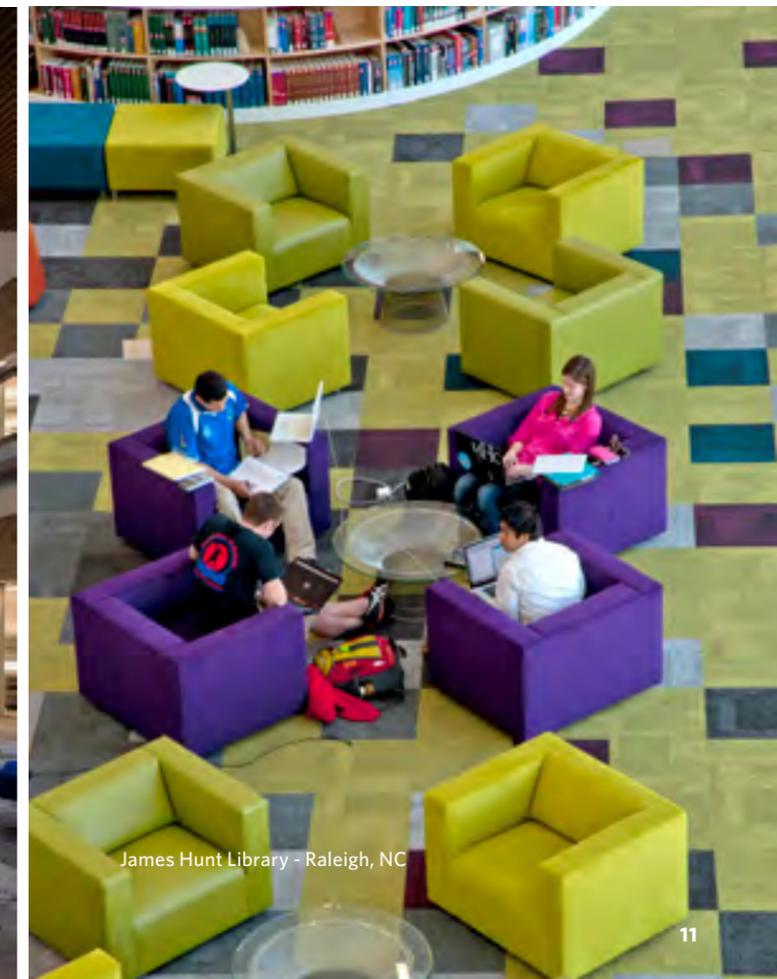
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Scholars Academy - Conway, SC



Science & Technology Center - Phoenix, AZ



James Hunt Library - Raleigh, NC

FAST DELIVERY + FASTER INSTALLATION

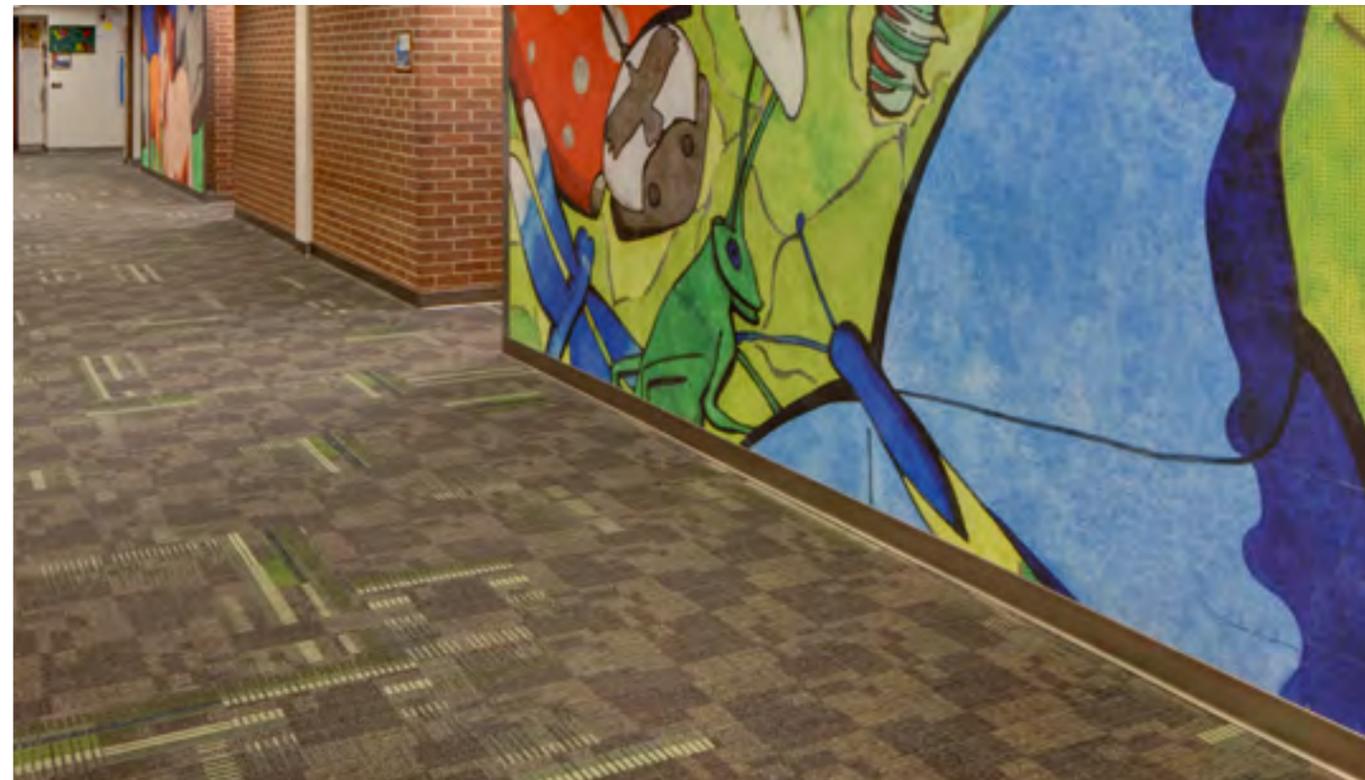
Counting the clock on a tight deadline? Our Quick Ship program lets you choose from our standard collections and complete your summer and winter renovations before the bell rings. Don't know how to buy? Take advantage of the purchasing power of national buying groups like the National Joint Powers Alliance. Buying Milliken carpet, mats, adhesives and MilliCare cleaning service through NJPA eliminates the timely bidding process—they've done the work for you!

Milliken has also designed the most advanced, built-in system for installing modular carpet, eliminating the need for wet adhesives and other additives. TractionBack® is a remarkable bio-based, high friction coating that keeps our PVC-free carpet tile securely in place without additional floor preparation, sealers, primers, tapes, dots, or adhesives. Ready to install out-of-the-box makes

installation, moving, or placement of Milliken carpet easier for you, the installer, and your maintenance teams. We thrive on fast-tracked projects. In fact, with TractionBack® you can install carpet tile and occupy the space in the same day.

TractionBack®:

- Reduces installation time and cost with no manipulation of tiles with extra dots, glues, peeling of film, or taping required.
- Eliminates the need to pre-treat surfaces with sealer or chemicals.
- Offers the best indoor air quality in the industry due to no VOC off-gassing during installation. The pick-and-place nature eases costs while letting students and staff breathe freely during and after installation without leaving the building.



Harrison Elementary School - Green River, WY



Naperville Public Library - Naperville IL

KEEPING AN EYE ON THE BIGGER PICTURE

For almost 50 years, Milliken has been committed to improving the quality of education through technology advancements across our company. With the design of advanced athletic safety gear (Tegris®), safer playground equipment, comfortable school uniforms (VisaEndurance®), and durable floor coverings for schools across the Americas, together, we believe that the best in education performance is yet to come.

Milliken Floor Covering is part of Milliken & Company, one of the largest privately held companies in the world. Milliken is an innovation company that has been exploring, discovering, and creating ways to enhance people's lives since 1865. Our community of innovators has developed one of the larger collections of United States patents held by a private U.S. company.

With expertise across a breadth of disciplines including specialty chemicals, floor covering, and performance materials, we work around the world, to add true value to people's lives, improve health and safety, and help make this world more sustainable.

The innovations created by Milliken empower our daily activities and can be found in a variety of places; from Crayola® Washable Markers and duct tape to more efficient wind-energy turbines and protecting drivers of NASCAR® vehicles.

Milliken's focus on the long view has brought us the Malcolm Baldrige® National Quality Award®, the European Quality Award®, the British Quality Award and the Canadian Quality Award. We've been recognized eight times as one of the World's Most Ethical Companies by Ethisphere® magazine. And six times, Milliken has appeared among FORTUNE® magazine's "100 Best Companies to Work For." All part of Milliken's corporate philosophy of "Doing Good" above all else.



LET'S PARTNER FOR THE
FUTURE OF EDUCATION.

FEATURED COLLECTIONS



REMIX 2.0 - Freestyle and Backbeat in Vinyl with French Blue Vibe



MONUMENTS & SHRINES - Nugget in Queens, monolithic tile installation



THEORY 2.0 - Blip 2 in Nirvana with Apple

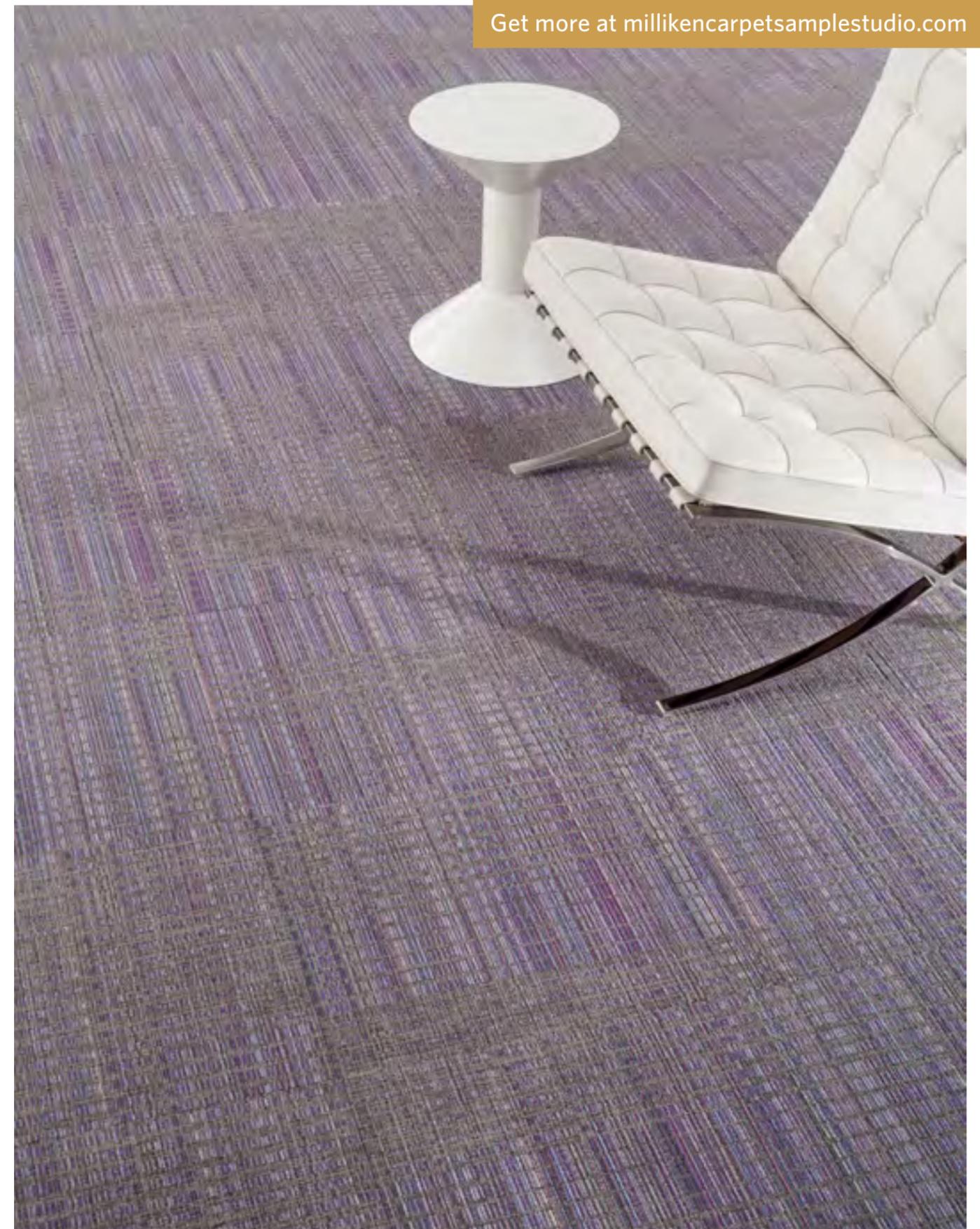
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JOURNAL - Line By Line in Brainstorm with Quartz and Copper accents, ashlar tile installation



LYCEUM - Aristotle made-to-order in Mineral with Citron Yellow, Rouge and Sapphire (left) and Plato in Mineral (right), monolithic tile installation



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FAHRENHEIT - Wave in Ultraviolet, monolithic tile installation



FIXATE - Fixate Velvet in Frequency and Diploid, monolithic gradient installation



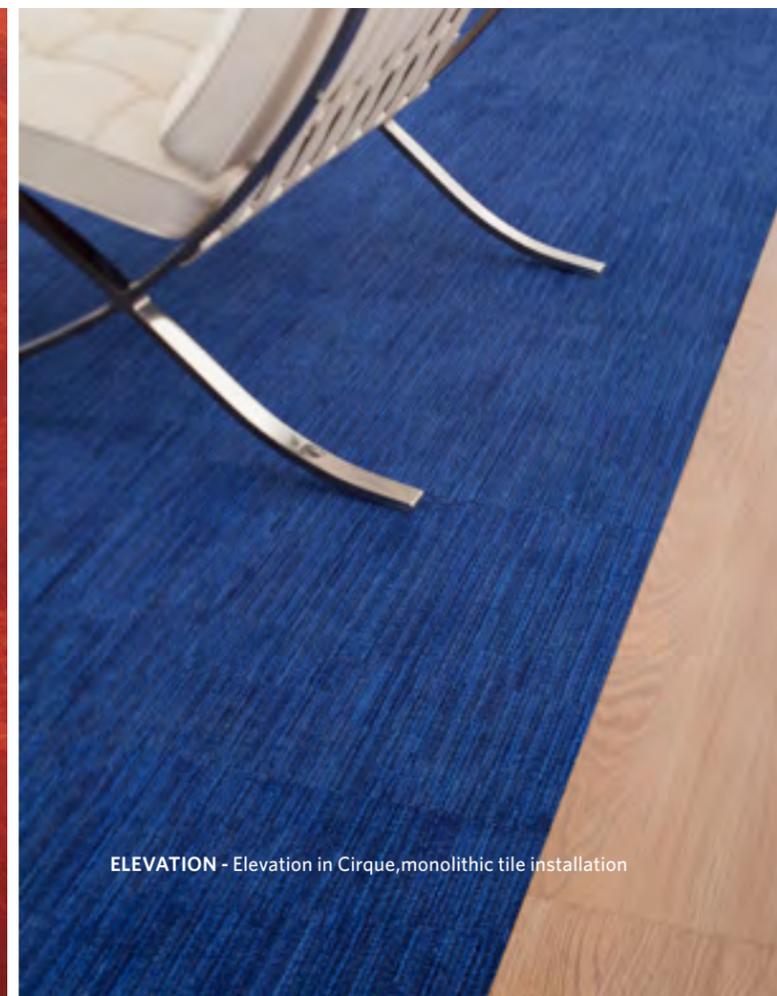
ART MEDIA - Op Art in Scintillate, monolithic tile installation



LINEN 2.0 - Linen 2.0 in Marcella, monolithic tile installation



SOUTHERN ANALOG - Viewfinder in Flare, quarter-turn installation



ELEVATION - Elevation in Cirque, monolithic tile installation



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THE BASICS - The Basics in Palomino Warm, ashlar tile installation



LYCEUM - Plato in Mineral, monolithic tile installation



LVT - Stone in Charlotte CHT208



FORMWORK - Formwork in Doric, monolithic tile installation, and Line By Line in Quick Draw with Quartz and Clementine accents, ashlar tile installation



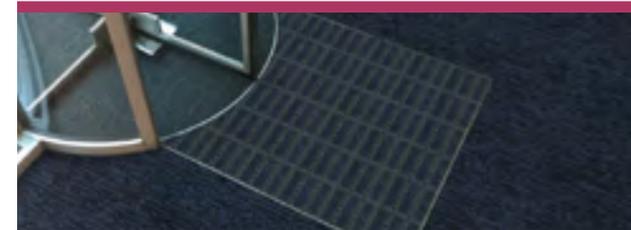
OBEX - Forma in Ash

ADVANTAGES OF MILLIKEN CARPET TILE

Complete Flooring Solutions



Milliken Floor Covering offers products and expertise in all areas of your commercial spaces, including high-performance entryway systems, broadloom & modular carpet, luxury vinyl tile, and milliCare®. Simplify your flooring needs with a trusted partner that will let you enjoy creating a great space without having to worry about everything else.



Entry Systems

The OBEX® brand of products offers highly effective, comprehensive modular entry solutions designed as a three-zone barrier system to prevent dirt and moisture from entering the building. Available in coordinated colors and patterns, OBEX® entry products are engineered to increase the functionality of a building's entrance without forsaking elements of design or aesthetic. Simple and easy to work with, OBEX® offers entry systems that can be recessed or surface-mounted as well as exterior and interior applications.



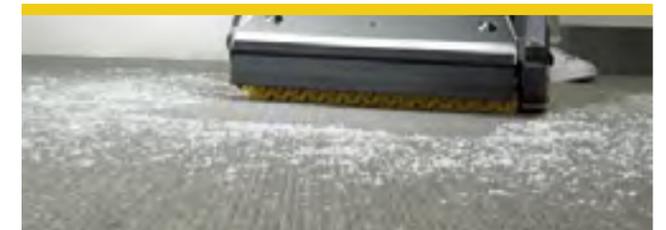
Broadloom & Modular Carpet

Milliken's broadloom and carpet tile incorporate the latest innovations in tufting and dyeing technology, achieving unique looks and excellent performance. With our Color Reference system, coordinating multiple products across a single project is a snap; whether it's carpet, LVT, or entry systems. All carpet tile products have cushion backing for an extended lifespan, as well as ergonomic and environmental benefits. Broadloom carpet also has cushion-back options, and all are standard with StainSmart®, a proprietary treatment applied to Milliken carpets to repel and protect against stains and enhance soil release.



Luxury Vinyl Tile

From natural looks of wood and stone to more modern textures and abstracts, Milliken's collection of Luxury Vinyl Tile flooring creates new options for a commercial or hospitality interior. Our simple-to-search Color Reference system provides easy coordination of the LVT options to modular and broadloom carpets. From carpet tile to broadloom to planks to LVT, Milliken provides durable and elegant options for your project.



milliCare®

We care for the environment with products and a method that improve Indoor Air Quality and reduce water consumption and your carbon footprint. We care about you professionally by saving you time through customized service plans for your entire space provided for by our franchise network. You work healthier and live healthier, and the planet is a better place because of it. We can bring that same quality of care and service to you wherever you are. milliCare takes caring for your flooring and textiles off your to-do list, which means that you get to skip right to the part where you get to lean back, put your hands behind your head, and be a hero for keeping a beautifully cleaned space.

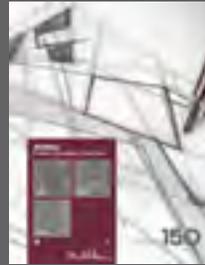
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Have you seen our related products? Visit us online today.



Arx



Journal



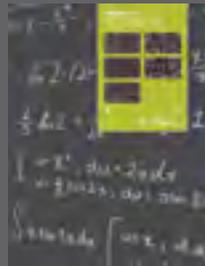
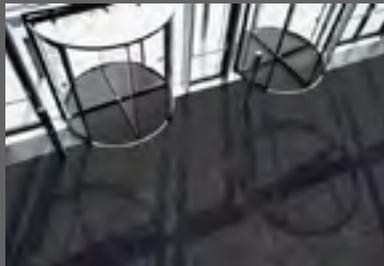
Lyceum



LVT



Quadrus



Theory 2.0



These products are 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.
Visit milliken.com for more information.