

kinetex[®]
Textile Composite Flooring



J+J FLOORING GROUP

From our establishment in 1957, we have become one of the oldest exclusive manufacturers of *commercial flooring* in the United States. As one of the largest privately held mills, our **FAMILY-OWNERSHIP** provides a *heritage* of proven performance and expansive industry knowledge. Most importantly, our focus has always been on *people...* ensuring them that our products deliver the highest levels of **BEAUTY**, **PERFORMANCE** and **DEPENDABILITY**.

INVISION **kinetex**

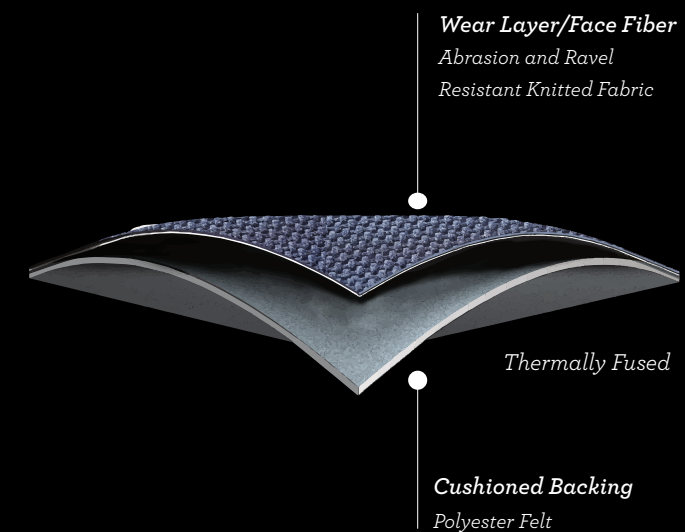
(cover) Foundry Atelier, brick.
(pages 4 & 5) Timber Catalpa, ashlar.



Kinetex® is an advanced textile composite flooring that combines key attributes of soft-surface floor covering with the long-wearing performance characteristics of hard-surface flooring. Created as a unique floor covering alternative to hard-surface products, J+J Flooring Group's Kinetex encompasses an unprecedented range of performance attributes for retail, healthcare, education and institutional environments. In addition to its human-centered qualities and highly functional design, Kinetex offers a reduced environmental footprint compared to traditional hard-surface options.

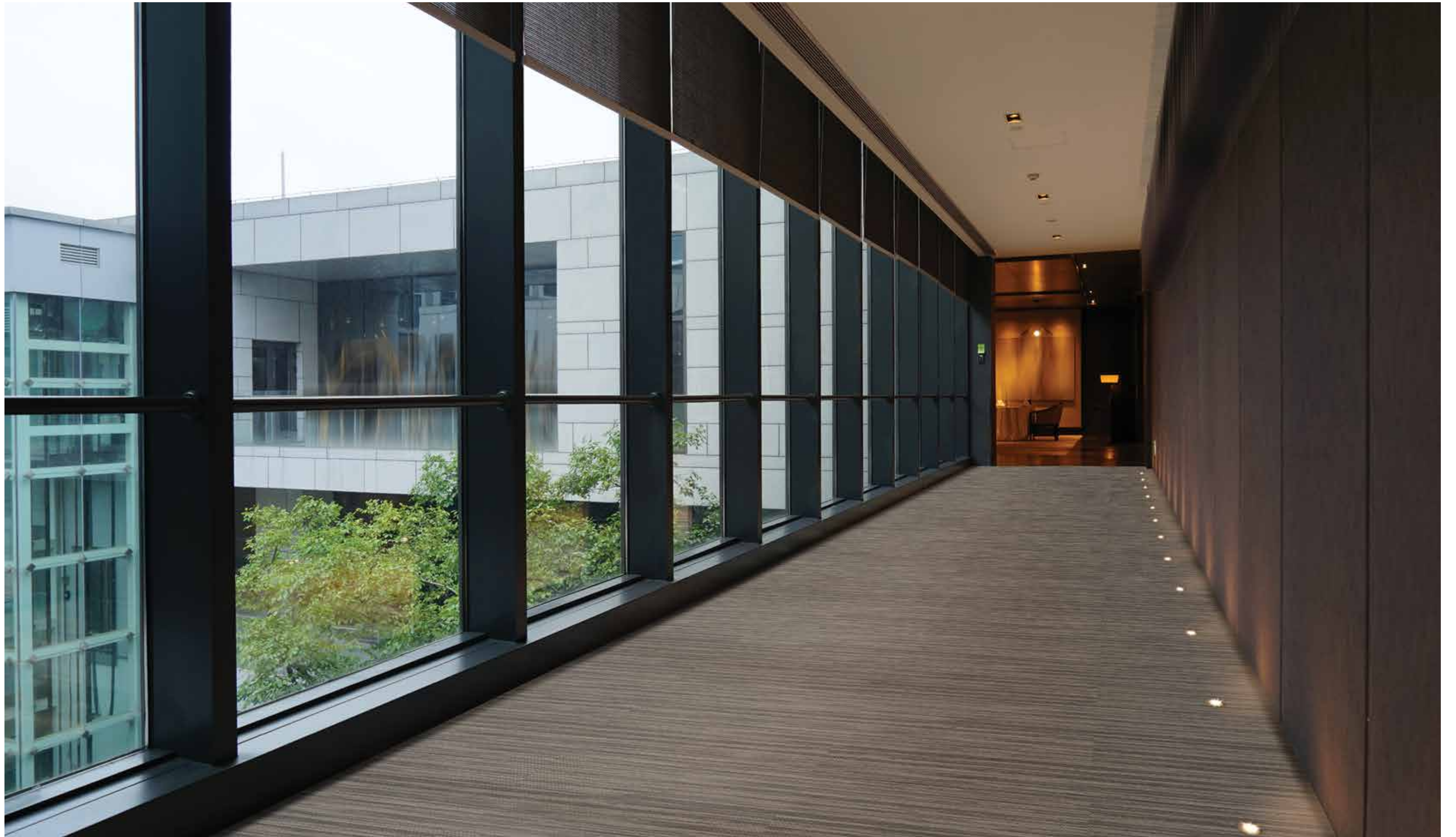
The key to the high-performance attributes of Kinetex lies within its construction. Each layer, when used together, creates a versatile, lightweight, soft-surface flooring designed with qualities parallel to that of hard-surface.

Kinetex Construction



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kinetex overview

Performance by the Multitudes (and for the Multitudes)

A growing body of research correlates certain aspects of the built environment, such as acoustics, indoor air quality, glare and ergonomics, with measurable outcomes related to productivity, health, safety and effectiveness. Flooring can play a pivotal role in achieving positive outcomes when positioning these factors in many institutional environments. Combined with the practiced approach of evidence-based design, Kinetex provides a solid foundation for performance driven settings.

1 | Durability

With outstanding dimensional stability and crush resistance, Kinetex has withstood over 5 million foot traffic events with minimal wear at a popular Florida-based entertainment venue. That equates to more than the total number of people who have attended every Super Bowl since the first game.

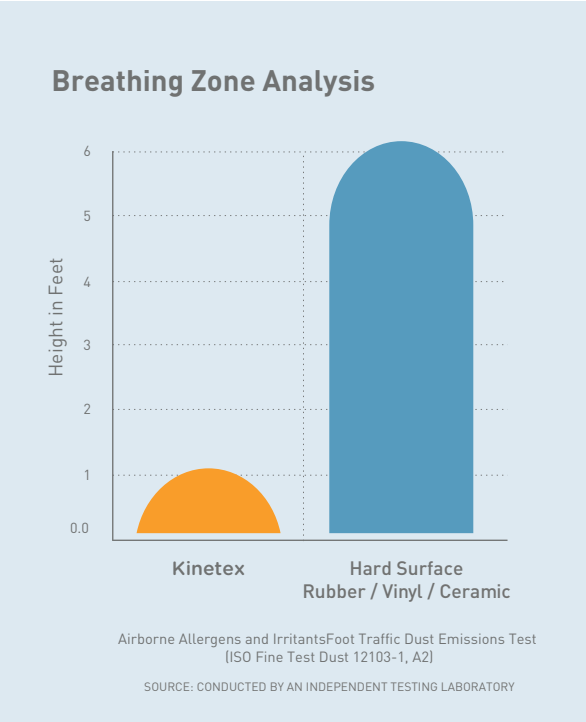
2 | Maintenance

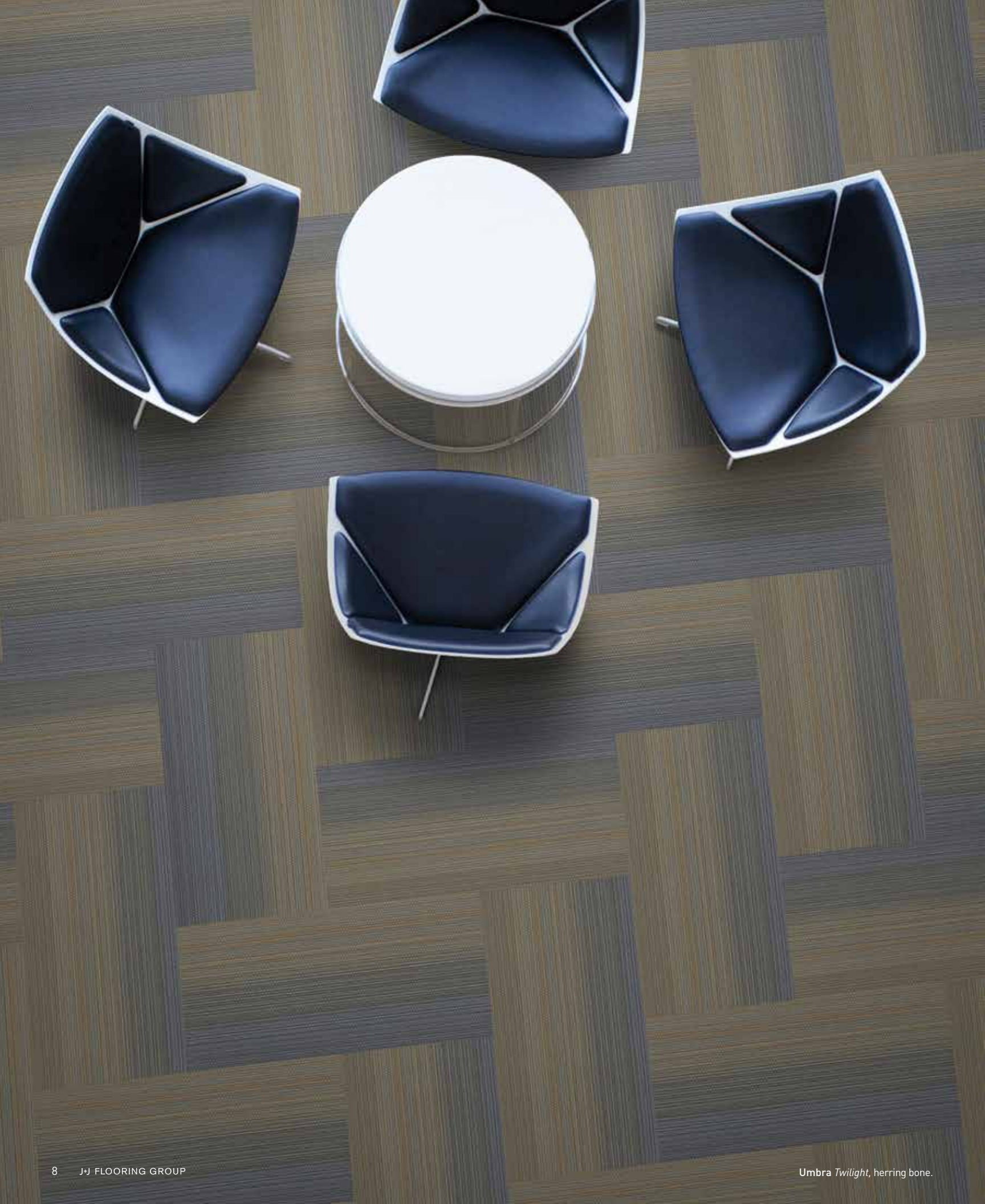
Kinetex cleans easily with vacuuming, encapsulation cleaning or hot water extraction (in areas prone to heavy soiling). It retains less water than carpet and therefore dries quickly. Kinetex resists the most challenging staining agents, such as blood, urine, Betadine and hand sanitizers. The maintenance of Kinetex is simple and more cost efficient compared to that of hard-surface flooring. There is no need for stripping, wear layer application or buffing — saving time and materials.

3 | Health

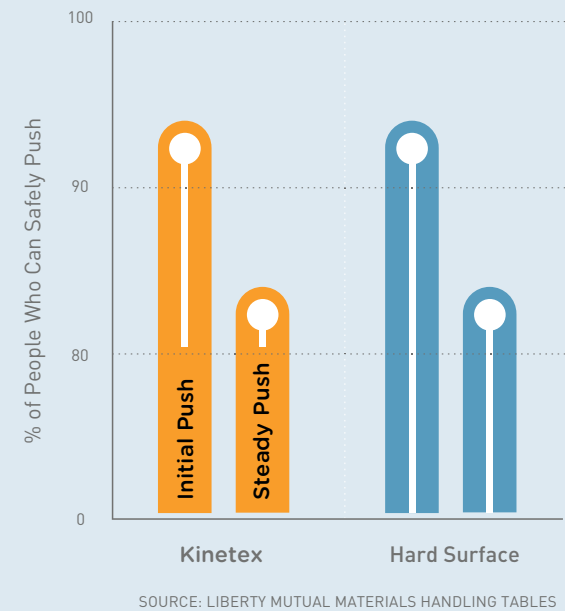
Kinetex easily surpasses California's 01350 requirements for low-VOC emissions and substantially minimizes airborne particles by sequestering common allergens, irritants and dust. In addition, bleach-resistant Kinetex is easily sanitized and has very short drying time when cleaned.

¹ When using the recommended 10% bleach/water solution. Kinetex applied pattern products require a bleach alternative such as Vital Oxide.





Roller Mobility Safety



4 | Safety

Kinetex’s unique construction creates one of the most slip resistant flooring surfaces ever tested, wet or dry — reducing the potential for slip and fall injuries. It has been certified by the National Floor Safety Institute (NFSI) as a high traction surface. Its unique low profile also has minimal rolling resistance, potentially reducing injuries from pushing and pulling.

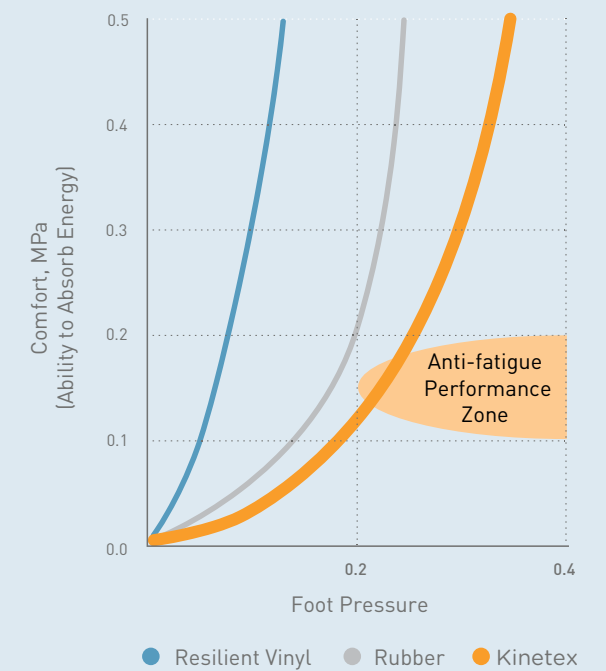
5 | Acoustics

Kinetex offers one of the highest Noise Reduction Coefficients and Impact Insulation Classifications of any commercial flooring product. This unparalleled acoustic performance results in dramatic reductions in both airborne and structure borne noise. Its excellent Impact Insulation Classification effectively promotes greater voice recognition, fewer mistakes, less vocal strain, enhanced learning and improved occupant perception.

6 | Comfort

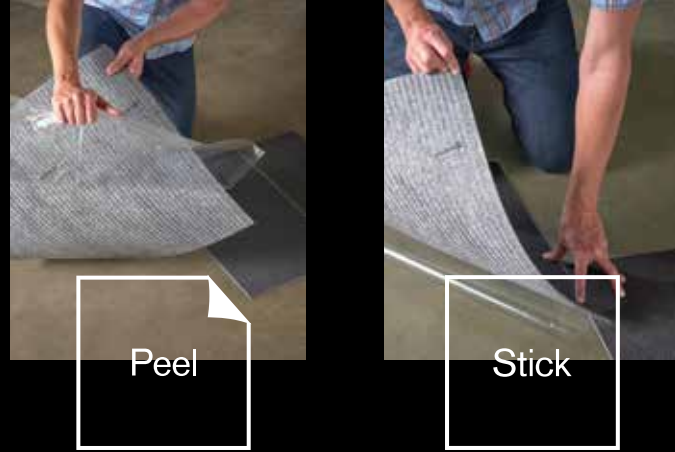
Kinetex’s high-density backing and soft textile surface provides exceptional anti-fatigue properties along with minimal rolling resistance. It embodies the potential to absorb energy and reduce both repetitive foot stress injuries and injuries related to walking and moving frequently from place to place.

Cushioning Properties Related to Standing Fatigue



7 | Sustainability

Due to its lower mass, Kinetex has a 50 percent lower environmental impact compared to other commercial floorings. With more than 55 percent recycled content, Kinetex is NSF/ANSI-140 Platinum certified. In addition, Kinetex is easily recycled into the next generation of itself; as easily as an aluminum can.



PreFix is a quick installation solution for all Kinetex textile composite flooring products. The release liner easily peels away to reveal a series of pre-applied adhesive strips that securely anchor the Kinetex module in place.

Created specifically for Kinetex, PreFix pre-applied releasable adhesive backing offers the following:

- Highest breathability (250 gms/sm/day) allows up to 99% RH and pH from 7 to 11
- No glue dry time from pre-cured no odor, VOC-free, 100% polymer adhesive
- Controlled USA manufacturing environment assures consistent aggressive tack quality
- Avoids glue inventory, glue transportation charges and disposal of empty buckets
- Recyclable release liner extended edge for easy removal
- Lifetime Warranty -Requires PreFix Primer

PreFix backing requires PreFix Primer during subfloor preparation

Kinetex Installation

Installing Kinetex is as easy as traditional modular carpet, however special attention should be applied until installers gain experience with module placement. Installers should perform site and material conditioning, surface preparation, and concrete pH and moisture testing as if they were installing J+J Flooring Group carpet modules. Because it is such a lightweight material the modules cut very easily, reducing installation time.

Kinetex uses J+J Flooring Group's proven adhesive systems with lifetime performance warranties:

PreFix®

All applied pattern Kinetex products feature PreFix Pre-Applied Releasable Adhesive. PreFix includes a release liner that easily peels away to reveal a series of pre-applied adhesive strips that securely anchor the Kinetex module in place. Products with PreFix will perform in elevated RH slabs up to 99%, allowing the flooring to be installed without costly moisture mitigation. PreFix offers a quick installation system and while standard on applied pattern products, it can be added to non-applied pattern Kinetex products as an optional adhesive.

Kinetex Adhesive

Non-applied pattern Kinetex products feature the proven releasable spread system, Kinetex Adhesive. This adhesive is formulated for Kinetex textile composite flooring products and is built to bond the textile composite to the properly prepared substrates for the life of the installation. Products with Kinetex Adhesive will perform in elevated RH slabs up to 95%.

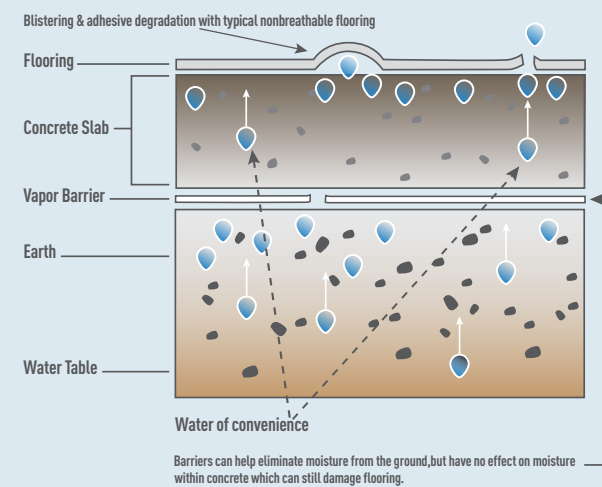
Both PreFix and Kinetex Adhesive offer the flexibility to simply remove and replace individual modules if conditions warrant a quick fix.

Please see the Kinetex installation instructions for full installation details.

High-Tolerance Solution for Moisture Transmission in Concrete

If high moisture emission is discovered during concrete moisture testing, then proper precautions should be taken to prevent flooring system failures.

Kinetex will perform in elevated RH slabs up to 95% and up to 99% when using PreFix. The breathable nature of this product allows moisture to pass through the backing rather than trap it underneath. This method of vapor transmission allows Kinetex to be installed without costly moisture mitigation as long as the Relative Humidity Test reads 99% or below.



Velocity Constant and Accelerate Speed, quarter turn.



Kinetex Maintenance

Kinetex is tough to wear out but easily cleaned. Regular vacuuming combined with interim low moisture encapsulation cleaning or hot water extraction in areas prone to heavy soiling is all that's needed to keep Kinetex looking new. Because its lightweight face construction retains less water, Kinetex dries 75 percent faster than carpet, rendering it suitable for cleaning while occupied.

While wet, it has a highly reduced slip-coefficient when compared to a wet hard surface — which offers a much safer area for walking and standing.

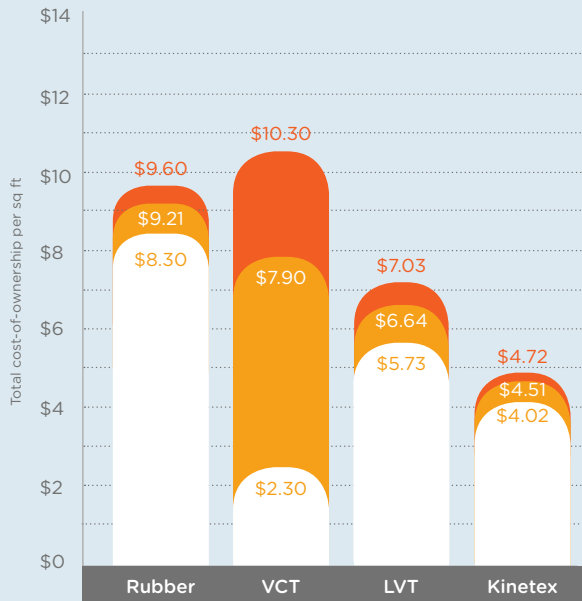
This low maintenance product also resists the most challenging staining agents, such as blood, urine, Betadine and hand sanitizer. Many Kinetex products feature a wear layer which is bleach resistant, allowing sanitizing and spot cleaning to be easily performed without affecting color. ¹

¹ When using the recommended 10% bleach/water solution. Kinetex applied pattern products require a bleach alternative such as Vital Oxide.

Please see the Kinetex maintenance instructions for full recommendations concerning schedules and cleaning supplies for preventative, daily and interim maintenance.

**Life Cycle Cost Comparison—
The True Cost of Ownership**

Kinetex has a significant cost advantage over hard-surface floors, a critical factor at a time when administrators, managers and others are operating their facilities on greatly reduced budgets. The life cycle cost of ownership — defined as the cost of flooring materials, installation and maintenance over a seven to 10-year period — for Kinetex is approximately 51% less than rubber flooring, 33% less than LVT flooring and 55% less than VCT flooring. This offers substantial savings over the life span of the flooring installation.



	Rubber	VCT	LVT	Kinetex
10 years maintenance cost / Southeastern US	\$1.30	\$8.00	\$1.30	\$0.70
7 years maintenance cost / Southeastern US	\$0.91	\$5.60	\$0.91	\$0.49
installation & materials cost / Southeastern US	\$8.30	\$2.30	\$5.73	\$4.02

The costs shown reflect average SE United States costs, which may vary depending upon the cost of materials, the cost of installation and the cost of maintenance. The relative costs will remain approximately the same for most geographic locations.



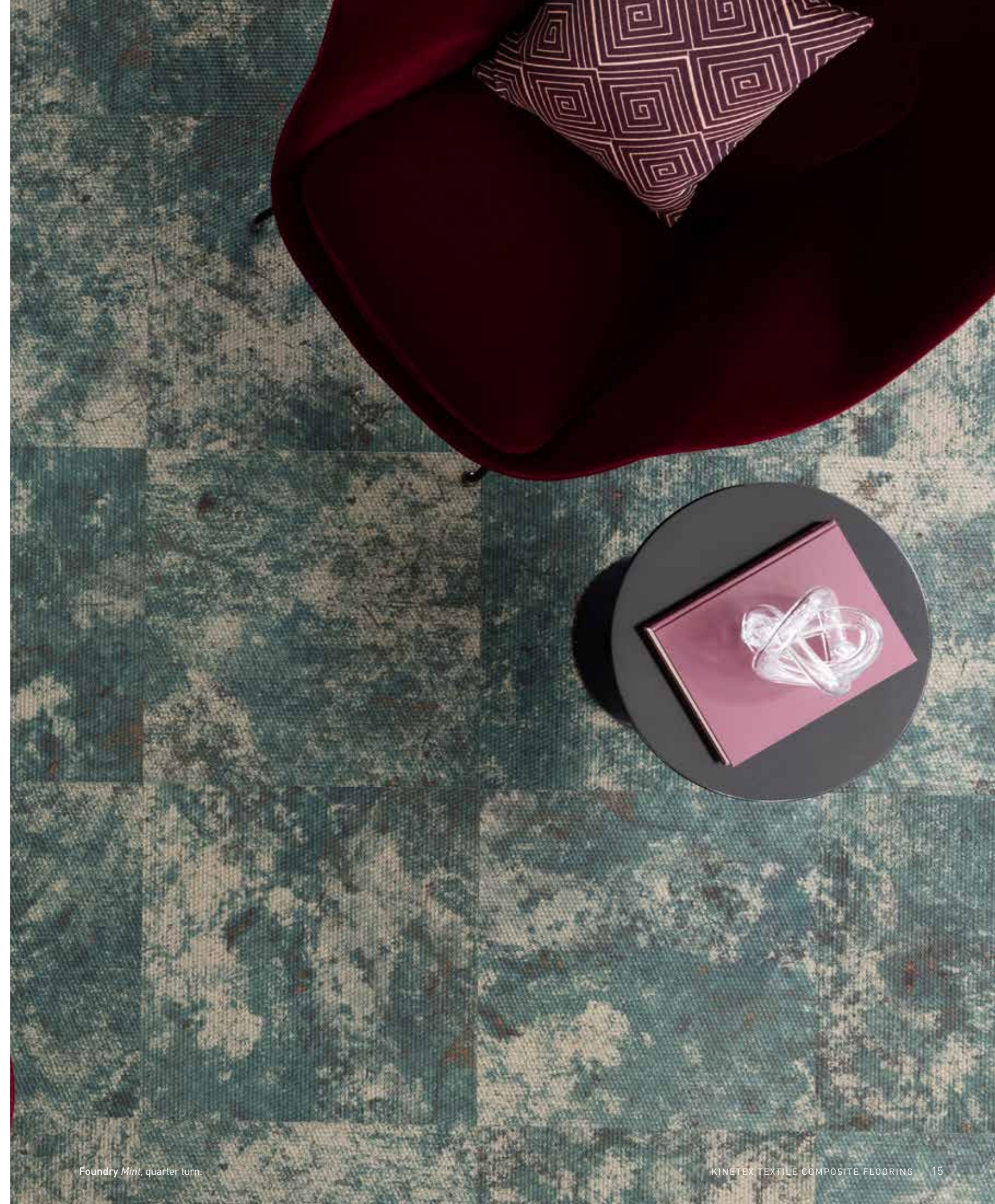
High Traction Surface Certification

Risks of slips, trips and falls can pose an immediate threat to people of all ages, and most are avoidable with consideration to flooring selection based on the specific needs and requirements of the building. The National Floor Safety Institute notes that 55 percent of all slips, trips and falls are due to problems with the floor covering's surface, and that flooring materials contribute directly to more than 2 million fall injuries per year.

With a strong portfolio of performance attributes – including slip resistance - Kinetex is the first wall-to-wall interior floor covering to be certified as a High Traction surface by the National Floor Safety Institute (NFSI.) As a credible third-party certifier, NFSI's commitment to education, research and the development of standards reinforces J+J's commitment to safety.

In order to receive NFSI Certification, Kinetex underwent a comprehensive series of tests involving two phases. Each phase measures both static and dynamic coefficients of friction, under both dry and wet conditions. The first phase of testing is conducted on new flooring in a laboratory. Phase two testing is conducted immediately after an actual customer installation and again after 30 days, post-installation, to see if traffic and maintenance change the slip resistance.

Kinetex easily surpassed both tests, making it an ideal option to reduce the risks and liabilities of flooring-associated injuries.





Accelerate Gain, quarter turn. Photo by David Churchill

accelerate 1813

SPECIFICATION

style	accelerate 1813
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



quarter turn



1593
increase

1594
gain

1596
proceed

1597
project

1598
speed

1599
rapid

1600
quick

analog 1821

SPECIFICATION

style	analog 1821
wear layer	Universal Fibers polyester - applied pattern
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



brick quarter turn



analog mono 1822

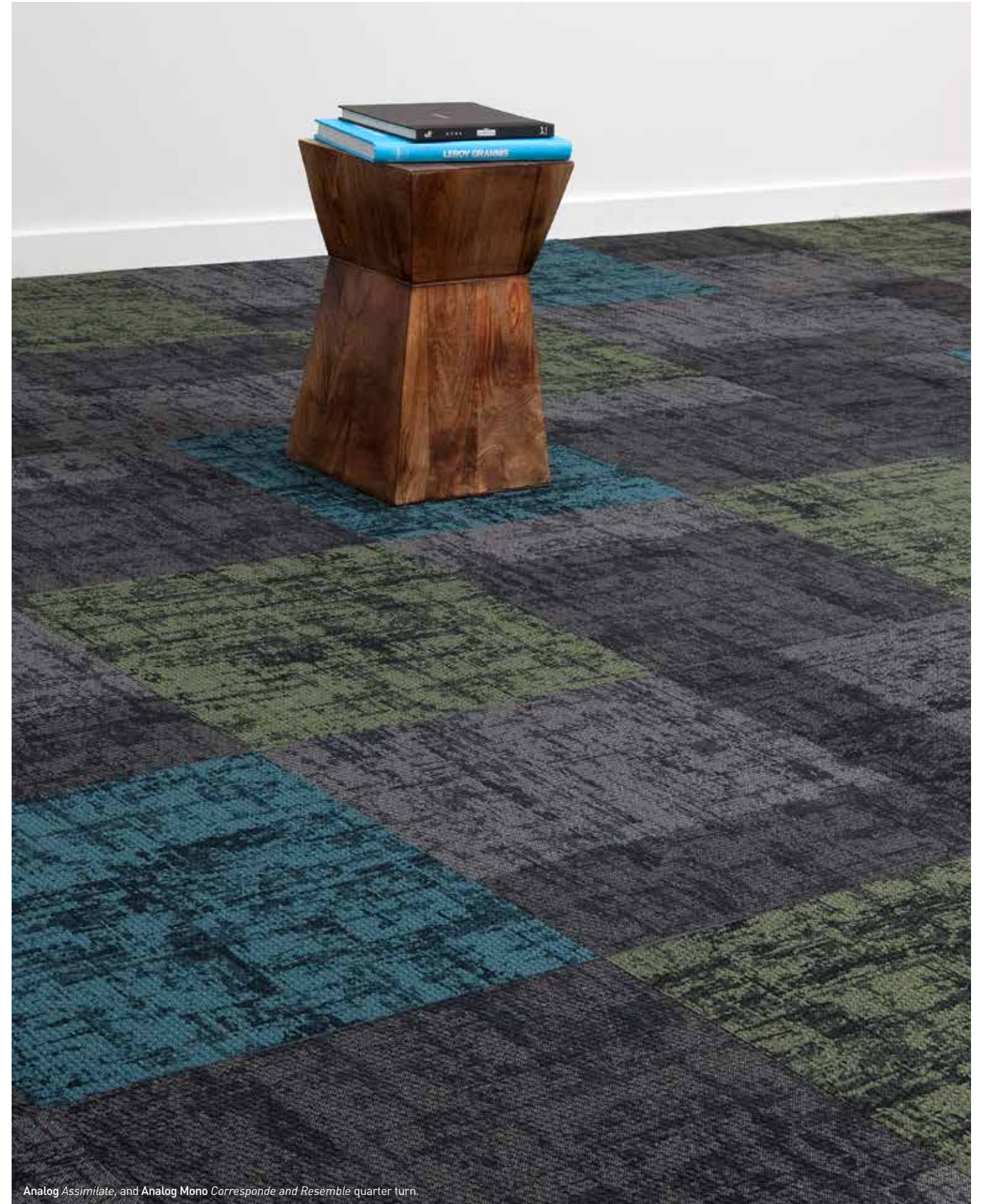
SPECIFICATION

style	analog mono 1822
wear layer	Universal Fibers polyester - applied pattern
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



ashlar brick monolithic quarter turn



Analog Assimilate, and Analog Mono Correspond and Resemble quarter turn.



Boom Step Up, quarter turn.



boom 1828

SPECIFICATION

style	boom 1828
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



quarter turn

flash 1818

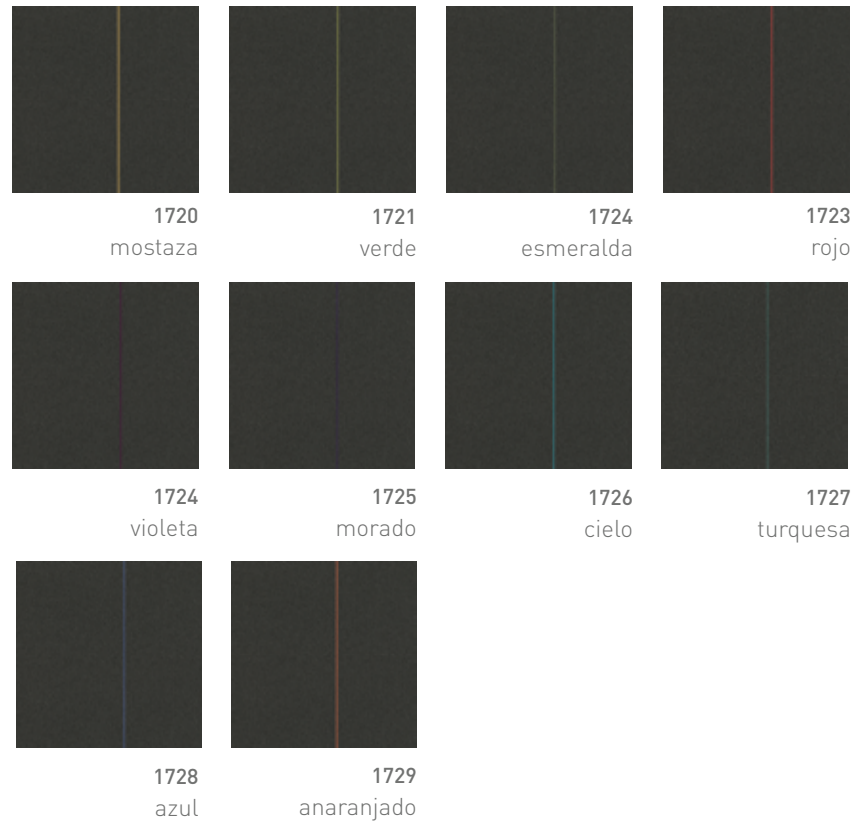
SPECIFICATION

style	flash 1818
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



quarter turn



pop 1816

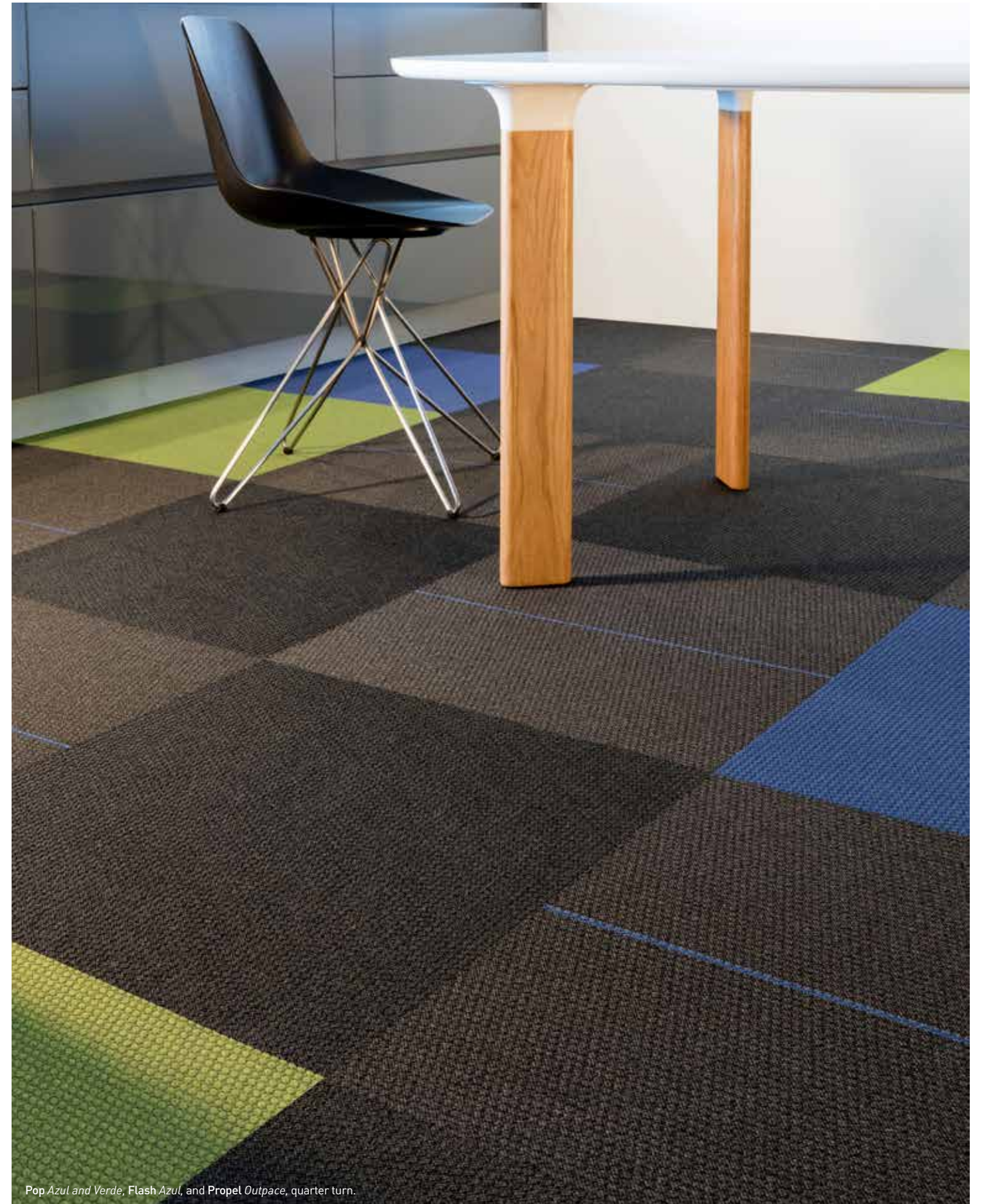
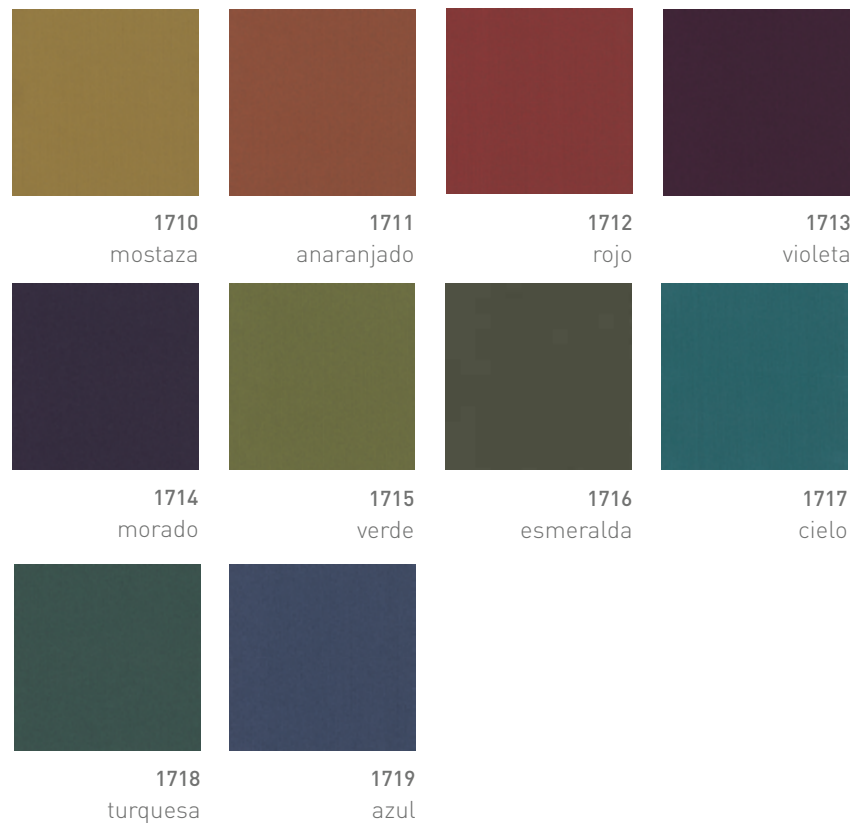
SPECIFICATION

style	pop 1816
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



quarter turn





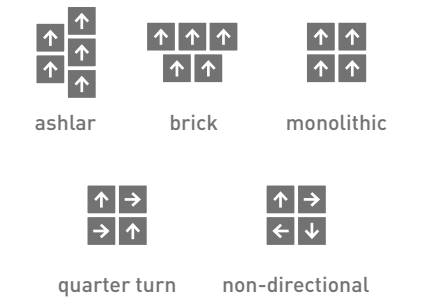
Foundry Atelier and Works, monolithic.

foundry 1829

SPECIFICATION

style	foundry 1829
wear layer	Universal Fibers polyester - applied pattern
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



2072
atelier



2073
mill



2074
works



2075
post



2076
armory



2077
forge



2078
loft



2079
workroom



2080
studio



2081
annex



2082
mint



2083
warehouse



2084
co-op

propel 1817

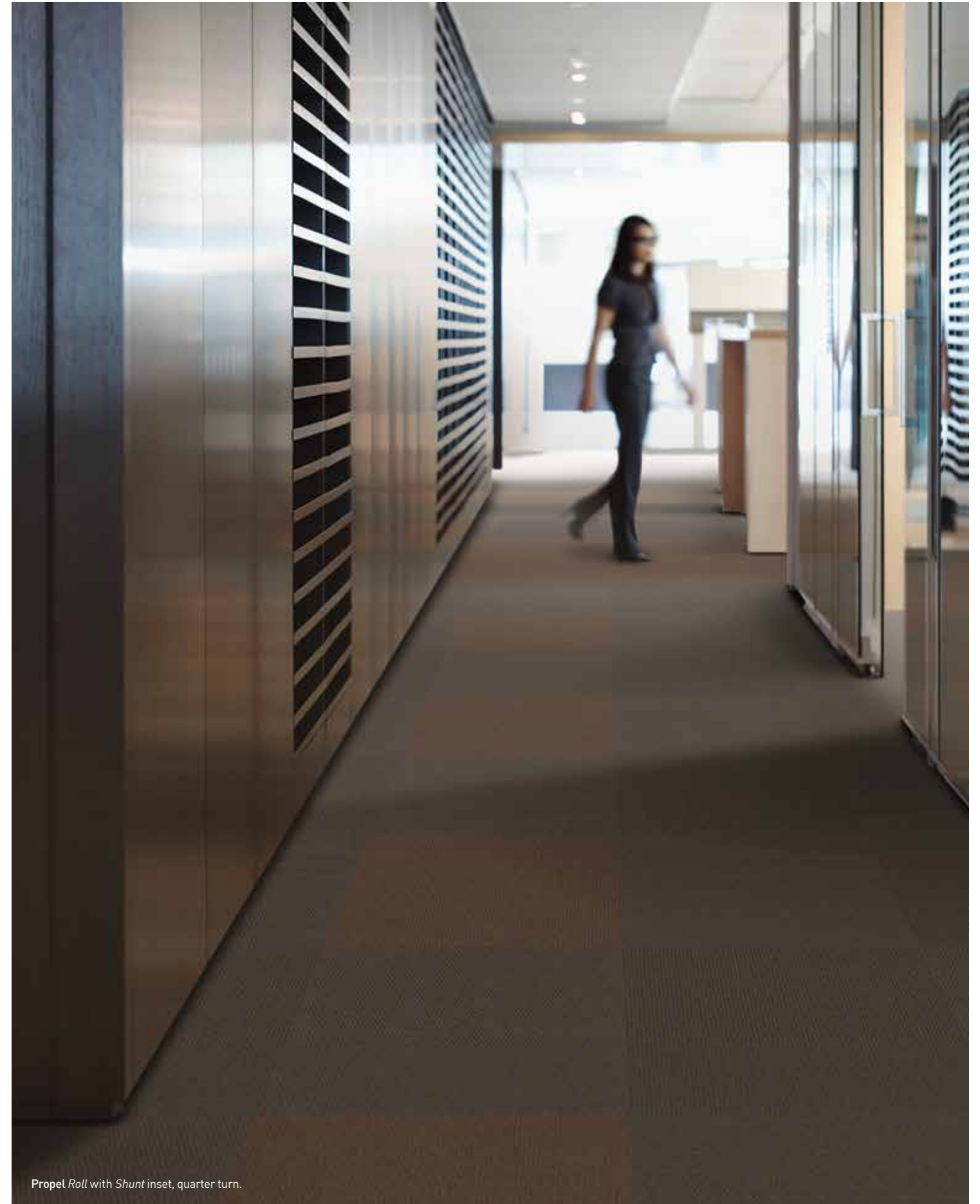
SPECIFICATION

style	propel 1817
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



quarter turn



Propel Roll with Shunt inset, quarter turn.



Strata Feldspar, basketweave.



1846
jasper



1847
clastic



1848
feldspar



1849
lithic



1850
formation



1851
geologic



1852
sediment



1853
volcanic



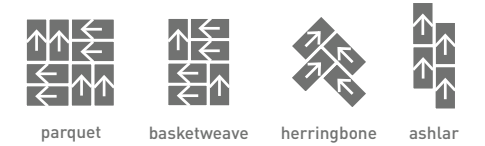
1854
silt

strata 1826

SPECIFICATION

style	strata 1826
wear layer	Universal Fibers polyester - applied pattern
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	18 x 36 inch modules
packaging	16 modules per box 72 square feet

installation methods



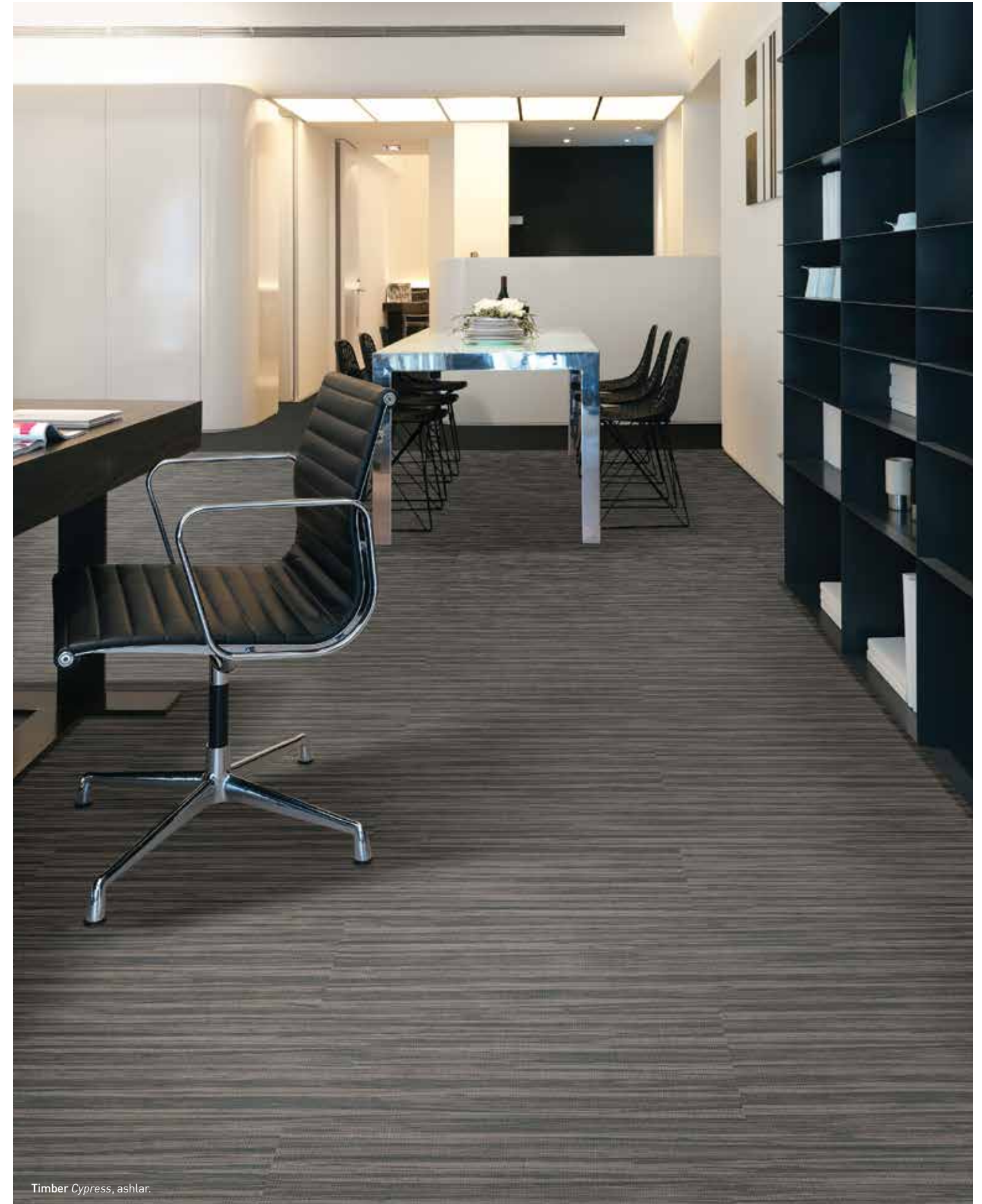
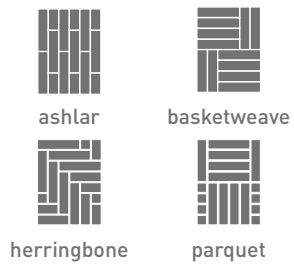
parquet basketweave herringbone ashlar

timber 1825

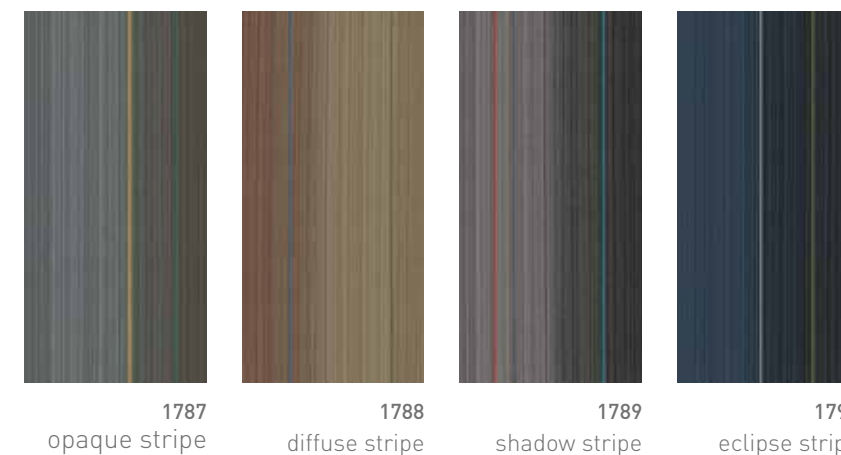
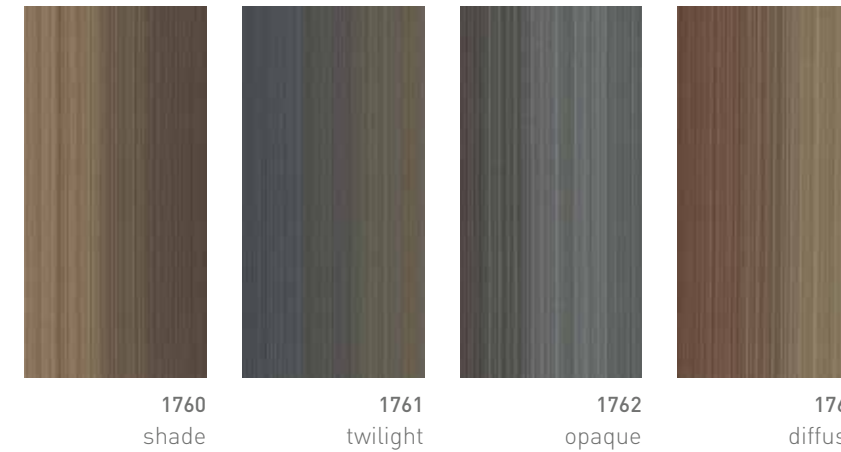
SPECIFICATION

style	timber 1825
wear layer	Universal Fibers polyester - applied pattern
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	12 x 48 inch modules
packaging	18 modules per box 72 square feet

installation methods



Timber Cypress, ashlar.

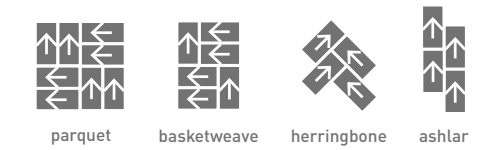


umbra 1819

SPECIFICATION

style	umbra 1819
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	18 x 36 inch modules
packaging	16 modules per box 72 square feet

installation methods



umbra stripe 1820

SPECIFICATION

style	umbra stripe 1820
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	18 x 36 inch modules
packaging	16 modules per box 72 square feet

installation methods



velocity 1814

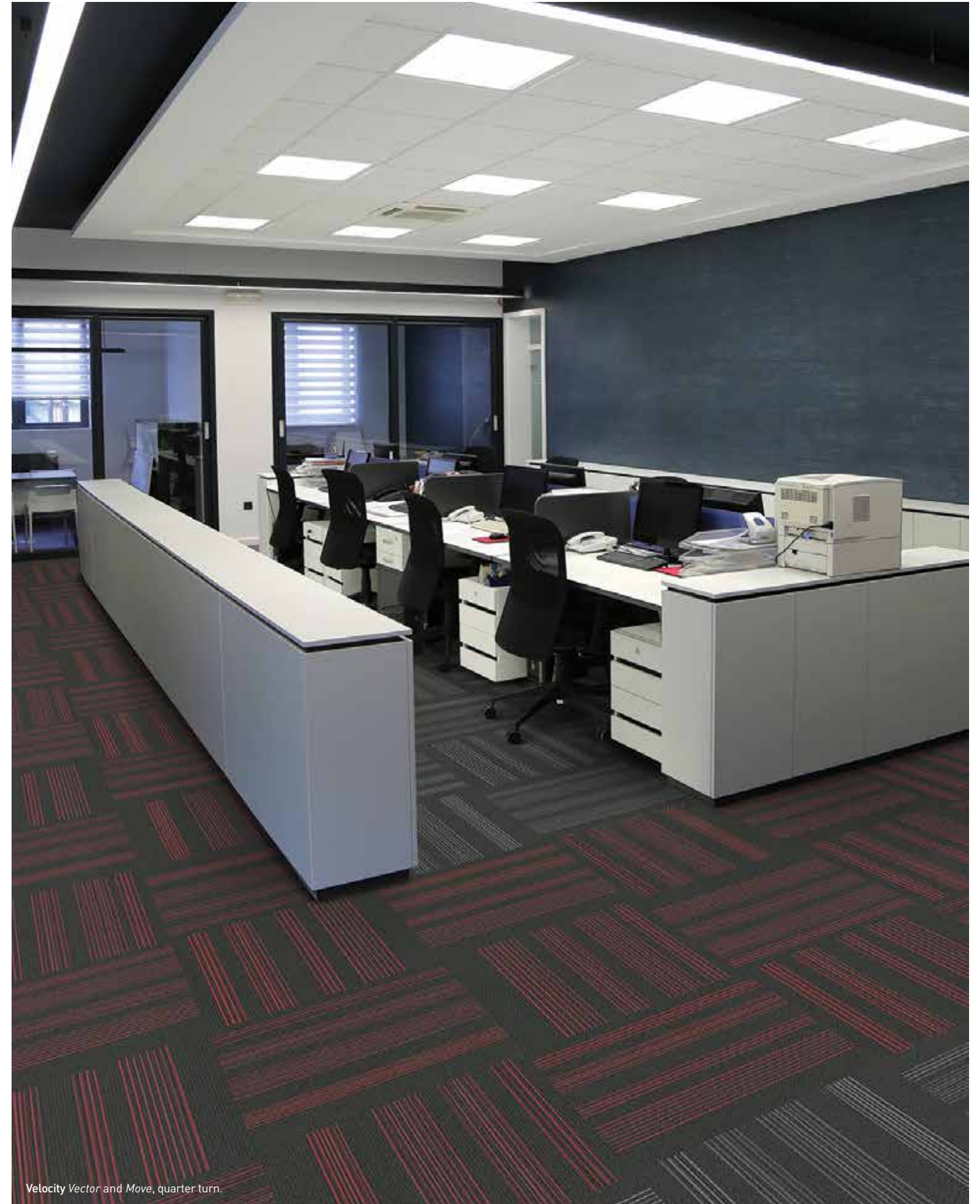
SPECIFICATION

style	velocity 1814
wear layer	Universal Fibers polyester
backing	polyester felt cushion
total weight (nominal average)	4.5 oz - 5.2 oz/ sq ft
total thickness (nominal average)	0.205 inches
dimensions	24 x 24 inch modules
packaging	18 modules per box 72 square feet

installation methods



quarter turn



Velocity Vector and Move, quarter turn.

corporate programs



Green Circle - Zero Waste to Landfill Operations Certification

We are proudly certified as a Zero Waste to Landfill manufacturer by GreenCircle Certified, LLC., a prominent third-party certifier of environmental claims. We are the first commercial flooring manufacturer in the United States to achieve this landfill free status and the first company in the industry to have its waste diversion efforts audited and verified by a recognized, third-party certifier. Any waste at our Dalton, Ga., campus that cannot be recycled, reused or repurposed – approximately two percent total waste – is sent to Covanta, the country's largest energy-from-waste operator. The waste received by Covanta is converted into energy to help provide steam power to the Redstone Arsenal, a U.S. Army garrison that services a number of tenants including the Army Materiel Command, the Missile Defense Agency of the Department of Defense and NASA's Marshall Space Flight Center.

Sustainability Progress Report

The J+J Flooring Group Sustainability Progress Report documents our journey toward increased environmental accountability and transparency. Each annual summary provides an update on sustainable advances in product development, resource reduction, certifications and progress toward the company's 20/20 Vision. To view our most recent Sustainability Progress Report visit www.jjflooringgroup.com/sustainability

R4®

In 2007, we developed the R4 program (return, reuse, recycle, reduce) specifically for our customers across the country to facilitate the recycling of all Invision carpet samples and architect folders that are no longer needed.

On average, we recycle/reuse 5,000 pounds of samples per month, which enables us to divert over 60,000 pounds of waste diverted from the landfills each year. We created this program to help ensure Invision architect folders or carpet samples will never reach a landfill.

The J+J Flooring Group R4 program is available to all customers in the contiguous United States. For customers in Canada, please contact us at 800-241-4586 x8020 or email answers@jjflooringgroup.com for details.



We're on it.
The J+J Flooring Group Premium Customer Experience.

At J+J Flooring Group, you're not an account. You are a customer, and most of all a person we are privileged to serve. That outlook is fundamental to our business. It's at the core of our family-owned heritage, and this unwavering personal service is not without its structure and discipline. In fact, we call it our Premium Customer Experience, and it's a carefully crafted process by which we guarantee that our customers will get the products, services and the reliability they expect from us. We may be a very people-focused company, but those people use a disciplined and developed framework to meet and exceed our customers' expectations.

product details

FIBER

Universal FibersSM

As a global leader in the production of solution dyed fiber in multiple chemistries, Universal Fibers enjoys a well-earned reputation for partnered innovation. Our durable lightweight PET fiber delivers unmatched performance for stain and abrasion resistance, colorfastness, and ease in care and maintenance. And, since Universal Fibers' products are solution dyed, zero water is used in the dye process.

Partnered with



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Due to the unique visual characteristics of modular carpets, pattern repeats and pattern run-off seams may appear more noticeable than in broadloom carpets. Such visual characteristics do not constitute a manufacturing defect, and as such, should be considered when selecting modular carpet and its installation.

These photographs are representations of the installation for this modular product. Your modular installation may look different than these photos depending upon individual tile placement, lighting, and overall space layout, including furnishings. Final tile placement and the resulting visual is thus the customer's, and not J+J Flooring Group's responsibility.

*NRC rating is a measure of the effectiveness of a material in absorbing sound. The higher the NRC rating, the greater the ability of the flooring product to absorb airborne noise. Independent laboratory testing of Kinetex has shown an average NRC rating of 0.33 (bare concrete flooring will typically provide a NRC Rating of 0.015).

**IIC is a rating of the insulation from impact noise. The higher the IIC rating, the greater the sound insulation. Independent laboratory testing of Kinetex has shown an average IIC Rating of .64 (bare concrete flooring will typically provide an IIC Rating of 34) NOTE: Test results and testing laboratory will vary, and the above information is not guaranteed.



WARRANTIES

We stand behind every aspect of Kinetex and extend certain lifetime warranties. Each warranty is covered for the useful life of the product, provided that installation and maintenance is in accordance with J+J Flooring Group's Kinetex Installation Instructions.

Wear Layer Warranties

- Lifetime Product Performance
- Lifetime Colorfastness to Light & Crocking
- Lifetime Stain Removal
- Lifetime Static Protection

Backing Warranties

- Lifetime Protection from Edge Ravel
- Lifetime Protection from Delamination Failure
- Lifetime Dimensional Stability

ADHESIVES

Kinetex® Adhesive

By design, Kinetex uses J+J Flooring Group's proven releasable Kinetex Adhesive with lifetime performance warranties. Because it is such a lightweight material, the modules cut very easily, reducing installation time. Kinetex also offers the flexibility to simply remove and replace individual modules if conditions warrant a quick fix.



PreFix™ Pre-Applied Releasable Adhesive

J+J PreFix, a quick installation for all Kinetex textile composite flooring products. The release liner easily peels away to reveal a series of pre-applied adhesive strips that securely anchor the Kinetex module in place.

ACCOLADES

Kinetex is one of the most extensively tested flooring products to ever be introduced. In addition to its unprecedented range of performance attributes, the human-centered qualities and highly functional design have quickly garnered attention. Below is a list of current awards and recognitions that Kinetex has received.

- 2016 Product Innovation Leadership (Architectural Products)
- 2015 Nightingale Award Gold, Hard Surface (Umbra / Umbra Stripe) (Contract Magazine)
- 2015 Best of NeoCon, Hard Surface – Silver Award (Umbra / Umbra Stripe) (Contract Magazine)
- 2014 Top Ten Green Building Product (BuildingGreen, Inc.)
- 2014 Greenstep Award (Floorcovering Weekly)
- 2014 Grand Prize Winner for Product Innovations (Buildings Magazine)
- 2014 Excellence in Product Development (British Institute of Facilities Management)



where to use kinetex

Healthcare

Acute care hospitals, medical office buildings, urgent care clinics, outpatient surgery centers, outpatient physical therapy/rehab centers, outpatient imaging centers, etc.

- Cafeteria, dining areas
- Chapel
- Computer room
- Corridors
- Diagnostic imaging suites
- Dry physical therapy
- Elevators
- Exam/procedure rooms
- Gift shops
- Hyperbaric treatment rooms
- Lobbies
- Nursing stations
- Offices/administration / conference rooms
- Patient rooms (family areas)
- Pharmacy
- Ramps/ramped corridors
- Staff lounge
- Waiting rooms

Education

Early childhood development centers, preschool, k-12, higher education

- Auditoriums
- Classrooms/lecture halls
- Computer classrooms
- Dormitory rooms
- Food service areas
- Multipurpose rooms/cafetorium
- Ramps/ramped corridors
- Faculty/administrative offices
- Faculty lounge
- Libraries

Commercial Offices

Offices, call centers

- Offices
- Waiting areas
- Corridors
- Conference rooms
- Copy/mail rooms
- Break rooms
- Computer rooms

Fitness Centers

Health Clubs/Gyms

- Cardio Centers
- Stationary Weight Centers
- Dry Locker Room Areas
- Snack Bars
- Offices

Retail / Mercantile

Wholesale/Retail merchants

- Checkout/cash wrap
- Dressing rooms
- Sales floor
- Offices
- Employee break areas

Hospitality

Hotels

- Corridors
- Conference rooms
- Guest rooms
- Dining rooms
- Business centers
- Activity rooms
- Common areas
- Computer rooms

Transportation / Public Venues

Airports, bus/train stations, performing arts centers, athletic arenas

- Ticketing/baggage claim
- Concourses
- Jetways
- Conference rooms
- Waiting areas
- Administrative offices/ATC
- Airline clubs/USO
- Chapel
- Large public spaces
- Theaters

 FLOORING GROUP

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