

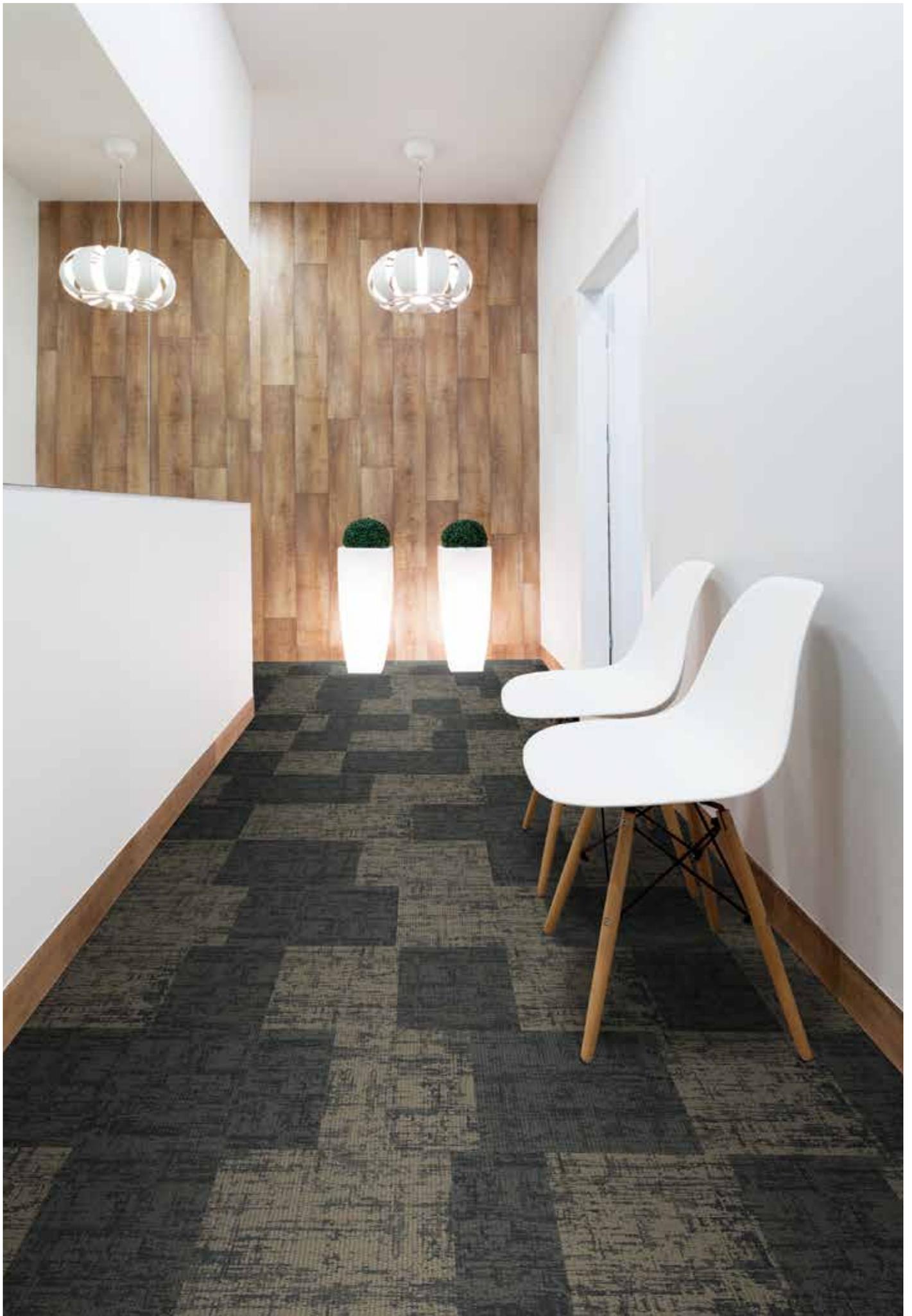
# kinetex®

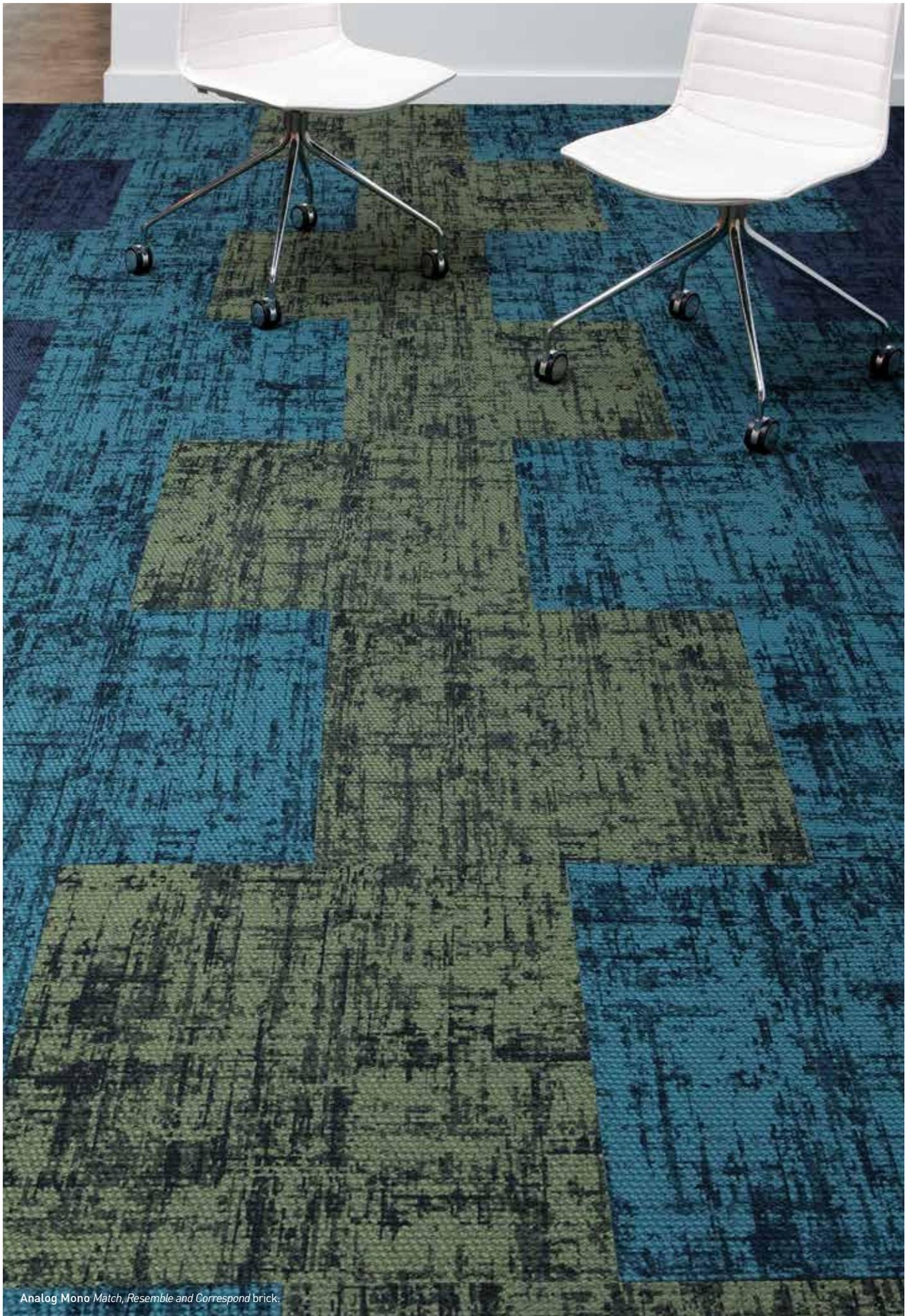
*Textile Composite Flooring*

## ANALOG - ANALOG MONO









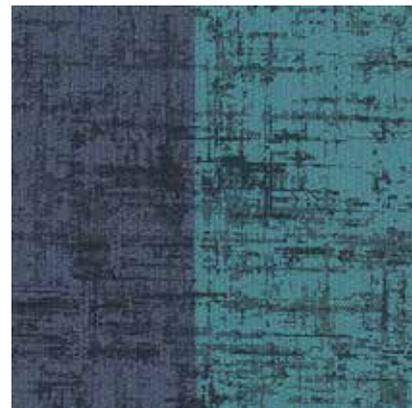
Analog Mono Match, Resemble and Correspond brick.



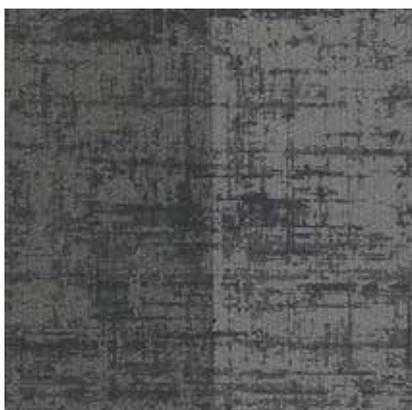
style 1821  
color 1544  
relate



style 1821  
color 1545  
similar



style 1821  
color 1546  
equate



style 1821  
color 1547  
assimilate



style 1821  
color 1548  
relate



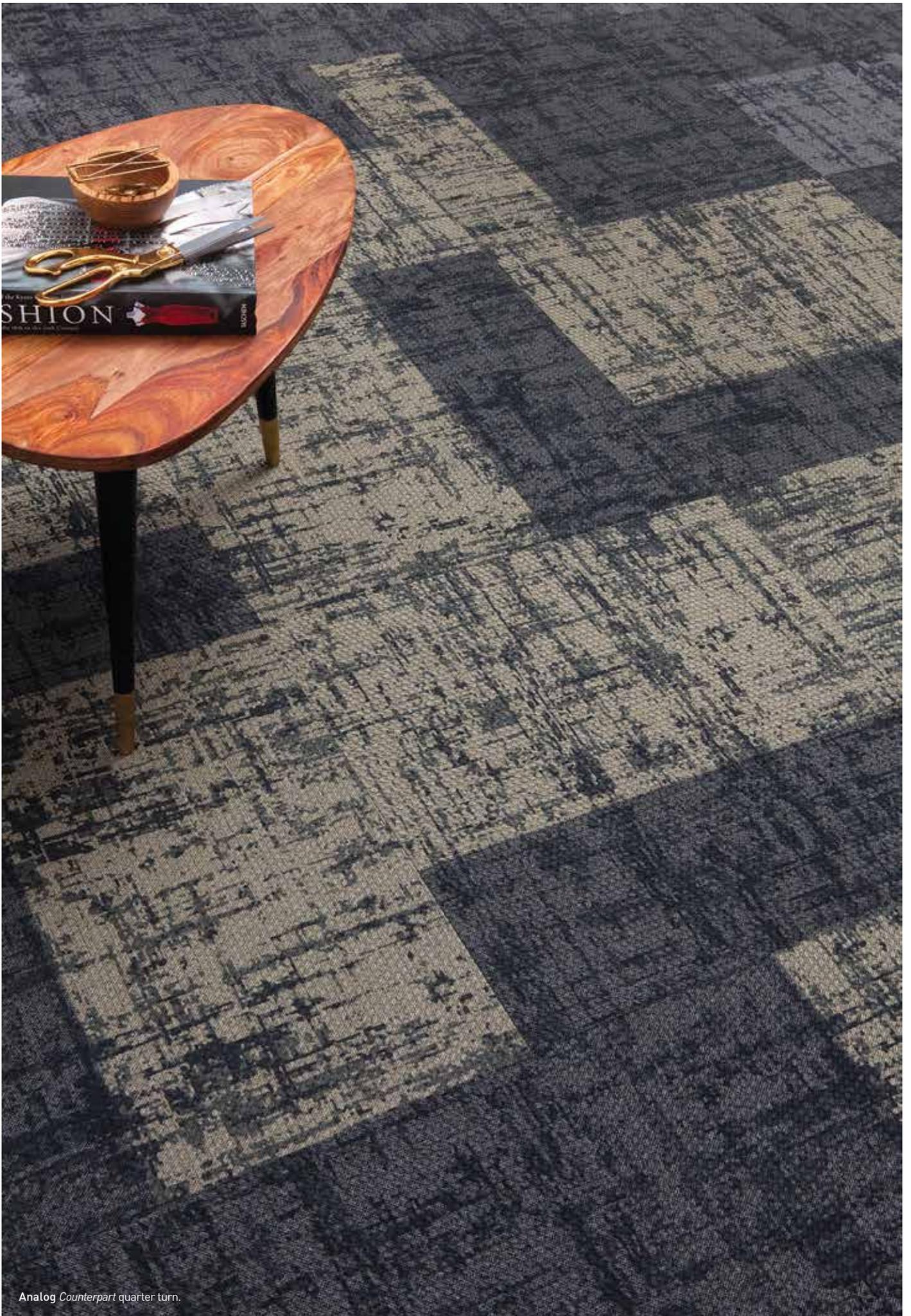
style 1821  
color 1549  
parallel



style 1821  
color 1550  
interact



style 1821  
color 1551  
counterpart



Analog Counterpart quarter turn.

# analog mono 1822



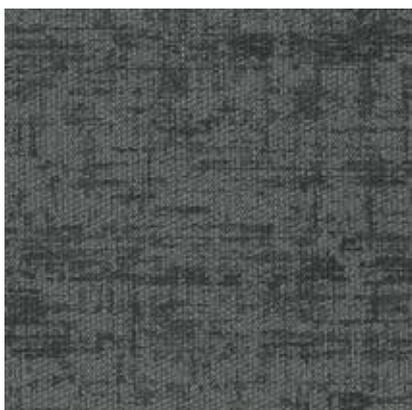
style 1822  
color 1552  
correlate



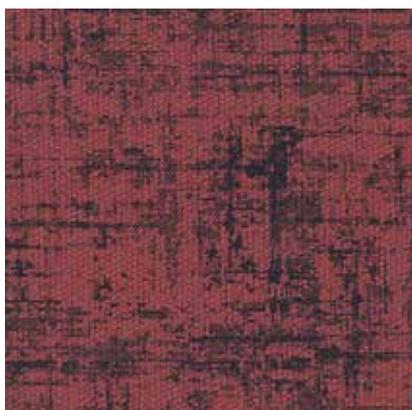
style 1822  
color 1553  
link



style 1822  
color 1554  
associate



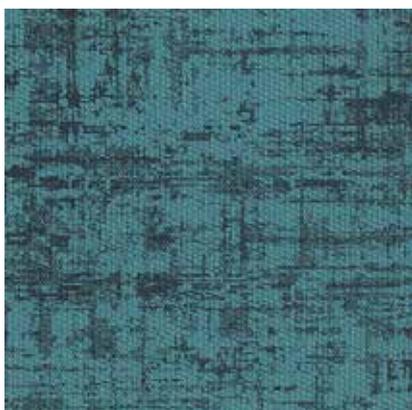
style 1822  
color 1555  
equivalent



style 1822  
color 1556  
regard



style 1822  
color 1557  
correspond



style 1822  
color 1558  
resemble



style 1822  
color 1559  
match



Analog Equate and Interact, quarter turn.



# colorline overview

## *analog 1821*



1544  
relate



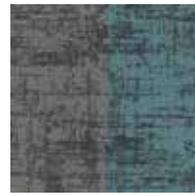
1545  
similar



1546  
equate



1547  
assimilate



1548  
connect



1549  
parallel



1550  
interact



1551  
counterpart

## *analog mono 1822*



1552  
correlate



1553  
link



1554  
associate



1555  
equivalent



1556  
regard



1557  
correspond



1558  
resemble



1559  
match

## *coordinating palette*



1822 analog mono  
1552 correlate



1822 analog mono  
1558 resemble



1821 analog  
1544 relate



1821 analog  
1548 connect



1822 analog mono  
1556 regard



1817 propel  
1702 guide

## 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
- Student Accommodation
- Food service areas
- Multipurpose rooms/cafetorium
- Ramps/ramped corridors
- Faculty/administrative offices
- Faculty lounge
- Libraries
- Innovation Hubs

### 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
- 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
- Airport lounges
- Chapel
- Large public spaces
- Theaters

## kinetex overview



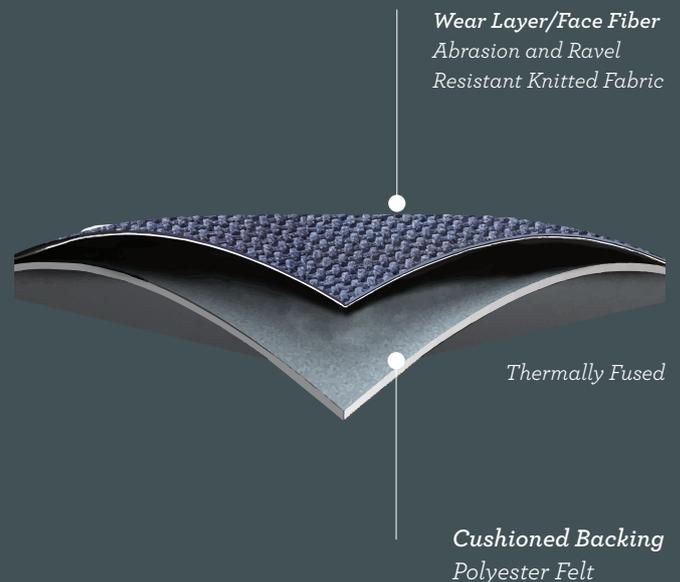
Kinetex® is an advanced textile composite flooring that combines key attributes of soft-surface floor covering with the long-wearing performance characteristics of hard-surface flooring. Created as a unique floor covering alternative to hard-surface products,

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



# 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, over 50 years ago.

## 2 | Maintenance

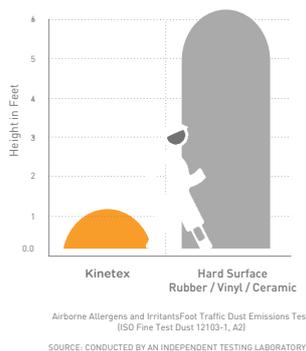
Kinetex cleans easily with vacuuming, encapsulation cleaning or hot water extraction (in areas prone to heavy soiling). It retains less water than carpet and therefore dries quickly. Kinetex is bleach resistant\* and resists the most challenging staining agents, such as blood, urine, betadine and hand 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.

\* Refer to the product maintenance guide

## 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.

Breathing Zone Analysis



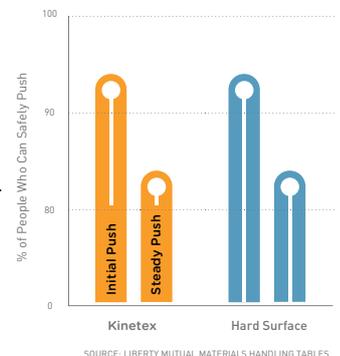
## 4 | Sustainability

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.

## 5 | 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. Its unique low profile also has minimal rolling resistance, potentially reducing injuries from pushing and pulling.

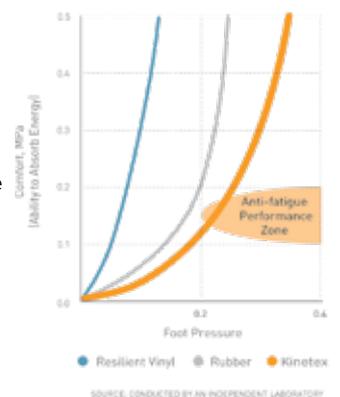
Roller Mobility Safety



## 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 as well as injuries related to walking and moving frequently from place to place.

Cushioning Properties Related to Standing Fatigue



## 7 | 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.

## 8 | Moisture Tolerance

The most common subfloor, concrete, can release excessive moisture and destroy floor covering systems — unless costly precautions are taken before installation. But moisture mitigation isn't necessary with Kinetex®: its breathable nature allows moisture to pass through its backing, instead of trapping it underneath. Kinetex textile composite flooring will perform in elevated RH slabs up to 100% when using PreFix.

## 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, concrete pH and moisture testing as if they were installing

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 (when using Kinetex Adhesive).

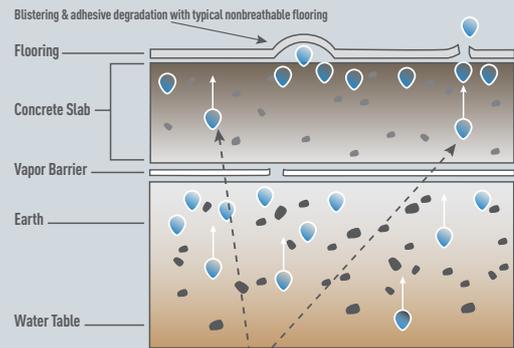
Adhesive. PreFix features a release liner that easily peels away to reveal a series of pre-applied adhesive strips that securely anchor the Kinetex module in place. PreFix is a quick installation option and is available on all Kinetex styles.

*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 100% 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 95% or below.



Barriers can help eliminate moisture from the ground, but have no effect on moisture within concrete which can still damage flooring.

## 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.

Because Kinetex's wear layer is bleach resistant\*, sanitizing and spot cleanings are easily performed without affecting color.<sup>1</sup> This low maintenance product also resists the most challenging staining agents, such as blood, urine, Betadine and hand sanitizer.

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



| Material | 10 years maintenance cost / Southeastern US | 7 years maintenance cost / Southeastern US | Installation & materials cost / Southeastern US | Total Cost of Ownership (TCO) per sq. ft. |
|----------|---|--|---|---|
| Rubber   | \$1.30                                      | \$0.91                                     | \$8.30  | \$9.60                                    |
| VCT      | \$8.00                                      | \$5.60                                     | \$2.30  | \$10.30                                   |
| LVT      | \$1.30                                      | \$0.91                                     | \$5.73  | \$7.03                                    |
| Kinetex  | \$0.70                                      | \$0.49                                     | \$4.02  | \$4.72                                    |

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.

## 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.

## 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

## ACCOLADES

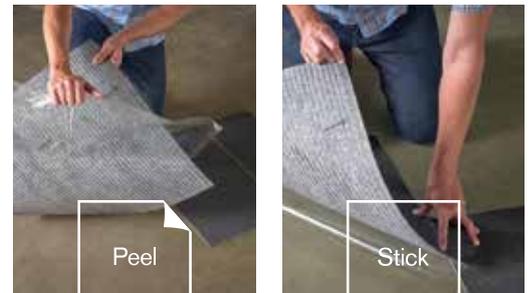
Kinetex is one of the most extensively tested flooring products to ever be introduced. In addition to its unprecedented range of performance attributes, the human-centered qualities and highly functional design have quickly garnered attention. Below is a list of current awards and recognitions that Kinetex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

- 2015 Nightingale Award Gold, Hard Surface (Umbra / Umbra Stripe)
- 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)

## 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 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*

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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.



style analog 1821 / analog mono 1821

**Physical Characteristics**

|                                   |   |
|-----------------------------------|---|
| wear layer                        | solution dyed polyester - applied pattern |
| backing                           | polyester felt cushion                    |
| total weight (nominal average)    | 1373 g – 1587 g sq/m                      |
| total thickness (nominal average) | 5.2 mm                                    |
| dimensions                        | 610mm x 610 mm tiles                      |
| packaging                         | eighteen modules per box, 6.69 sq/m       |

**Environmental Attributes**

|                            |                                 |
|----------------------------|---------------------------------|
| recyclability              | 100% closed-loop recyclable     |
| recycled content           | >55% (post consumer/industrial) |
| LEED scorecard             | IEQ 4.1 and IEQ 4.3             |
| NSF/ANSI 140 certification | platinum                        |

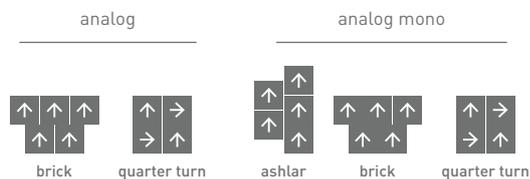
**Testing**

|                                  |                                 |
|----------------------------------|---------------------------------|
| fire test report                 | AS ISO 9239.1-2003              |
| critical radiant flux (CRF)      | 6.6kw/m2                        |
| electrostatic propensity         | less than 3.0 kv                |
| colorfastness to light           | rating of 4.0 or greater        |
| colorfastness to crocking        | rating of 4.0 or greater        |
| water repellency                 | rating of 4.0 or greater        |
| appearance retention             | 4.0 or greater                  |
| slip resistance                  | A54586-2013 Class P5            |
| thermal insulation               | 0.73                            |
| noise reduction coefficient      | NRC Rating: 0.30*               |
| impact insulation classification | IIC Rating: 64**                |
| stain resistance                 | resists most challenging stains |

**adhesives**

|                                  |                       |
|----------------------------------|-----------------------|
| indoor air quality certification | CRI Green Label Plus™ |
|----------------------------------|-----------------------|

**Installation Methods**



# kinetex<sup>®</sup>

*Textile Composite Flooring*

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