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’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.
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.

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.
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. Kinetex products feature a wear layer which is bleach resistant, allowing sanitizing and spot cleaning to be easily performed without affecting color.1 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.

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.

1 When sanitizing applied pattern products, a peroxide-based solution such as Vital Oxide® should be used. Bleach solutions may be used to sanitize products without applied pattern when using the recommended bleach/water solution in accordance with the J+J Flooring maintenance guidelines. Please see the Kinetex maintenance instructions for full recommendations concerning schedules and cleaning supplies for preventative, daily and interim maintenance. Maintenance instructions can be found at jjflooring.com.

### TOTAL COST OF OWNERSHIP

<table>
<thead>
<tr>
<th>Floors</th>
<th>Cost at 7 years</th>
<th>Cost at 10 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCT</td>
<td>$2</td>
<td>$10</td>
</tr>
<tr>
<td>Rubber</td>
<td>$4</td>
<td>$10</td>
</tr>
<tr>
<td>LVT</td>
<td>$6</td>
<td>$10</td>
</tr>
<tr>
<td>Kinetex</td>
<td>$8</td>
<td>$10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Floor Type</th>
<th>Installation &amp; Materials Cost (Southeastern US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCT</td>
<td>$2</td>
</tr>
<tr>
<td>Rubber</td>
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### Maintenance

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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 slabs up to 100% RH*.

**breathability: WHY KINETEX WORKS IN HIGH RH ENVIRONMENTS**

**KINETEX**

Moisture can pass through.

**TYPICAL NONBREATHABLE FLOORING**

Moisture is trapped, causing blistering, buckling, adhesive degradation, and floor failure.

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

*Product must be installed per manufacturer-approved instructions.*
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, Kinetex is easily sanitized and has very short drying time when cleaned.

Airborne Allergens and Irritants Foot Traffic Dust Emissions Test (ISO Fine Test Dust 12103-1: A2)
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.

**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 Flooring’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.
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.

**NOISE REDUCTION COEFFICIENT (NRC) OF DIFFERENT FLOORING CATEGORIES**

<table>
<thead>
<tr>
<th>Category</th>
<th>NRC Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber/Vinyl</td>
<td>0.4</td>
</tr>
<tr>
<td>Kinetex®</td>
<td>0.3</td>
</tr>
<tr>
<td>Carpet</td>
<td>0.2</td>
</tr>
<tr>
<td>Hard Surface</td>
<td>0.1</td>
</tr>
</tbody>
</table>

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. With its thermal insulation properties, Kinetex also provides a warmer indoor environment.
Kinetex is easily recycled into the next generation of itself, over and over again. Its smaller mass means it has a 50% lower environmental impact compared to other commercial floorings. Made with 45% post-consumer recycled content, Kinetex is NSF/ANSI-140 Platinum certified (the industry-leading standard for sustainability) and has a Red List Free DECLARE label.
easy 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 carpet modules. Because it is such a lightweight material, the modules cut very easily, reducing installation time. Kinetex uses J+J Flooring’s proven adhesive systems with lifetime performance warranties:

Kinetex Adhesive
Kinetex 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 100%.

Pre-Fix® (Optional)
Pre-Fix includes a release liner that easily peels away to reveal pre-applied adhesive that securely anchors the Kinetex module in place. Products with Pre-Fix will perform in elevated RH slabs up to 100%, allowing the flooring to be installed without costly moisture mitigation. Pre-Fix offers a quick installation system and it can be added to all Kinetex products as an optional adhesive.

Pre-Fix®

Pre-Fix is a quick installation solution for all Kinetex textile composite flooring products. The release liner easily peels away to reveal pre-applied adhesive that securely anchors the Kinetex module in place.

• Highest breathability (250 gms/sm/day) allows up to 100% RH and pH 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

Pre-Fix backing requires Pre-Fix Primer during subfloor preparation.
**Healthcare**
- Acute care hospitals, medical office buildings, urgent care clinics, outpatient surgery centers, outpatient physical therapy/rehab centers, outpatient imaging centers, etc.
  - Cafeterias, dining areas
  - Chapels
  - Computer rooms
  - Corridors
  - Elevators
  - Exam/procedure rooms
  - Gift shops
  - Hyperbaric treatment rooms
  - Lobby
  - Nursing stations
  - Offices/administration/conference rooms
  - Patient rooms (family areas)
  - Pharmacy
  - Ramps/ramped corridors
  - Staff lounges
  - Waiting 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

**Education**
- Early childhood development centers, preschool, K-12
  - Higher education
    - Auditoriums
    - Classrooms/lecture halls
    - Computer class rooms
    - Dormitory rooms
    - Food service areas
    - Multipurpose rooms/cafeterium
    - Ramps/ramped corridors
    - Faculty/administrative offices
    - Faculty lounge
    - Libraries

**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
  - Chapels
  - Large public spaces
  - Theaters

**Commercial Offices**
- Offices, call centers
  - Offices
  - Waiting areas
  - Corridors
  - Conference rooms
  - Copy/mail rooms
  - Break rooms
  - Computer rooms