



kinetex

High Performance *Flooring Solutions* for Healthcare Facilities



About 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.

With our two brands - Invision broadloom and modular carpet and Kinetex textile composite flooring - we provide a range of product and service solutions to meet the needs of our customers in the corporate workplace, education, healthcare, retail and hospitality sectors.

Our product offerings include:

- modular carpet
 - broadloom carpet
 - entry way tiles
 - kinetex textile composite flooring
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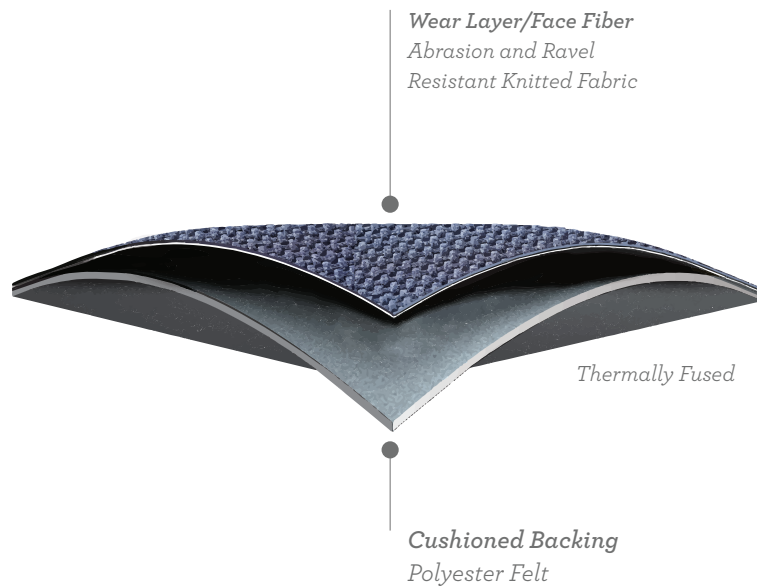


Kinetex Overview

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 healthcare 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 versatile, lightweight, soft-surface flooring designed with qualities parallel to that of hard-surface.

Kinetex Construction



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

Flooring Considerations In Healing Environments

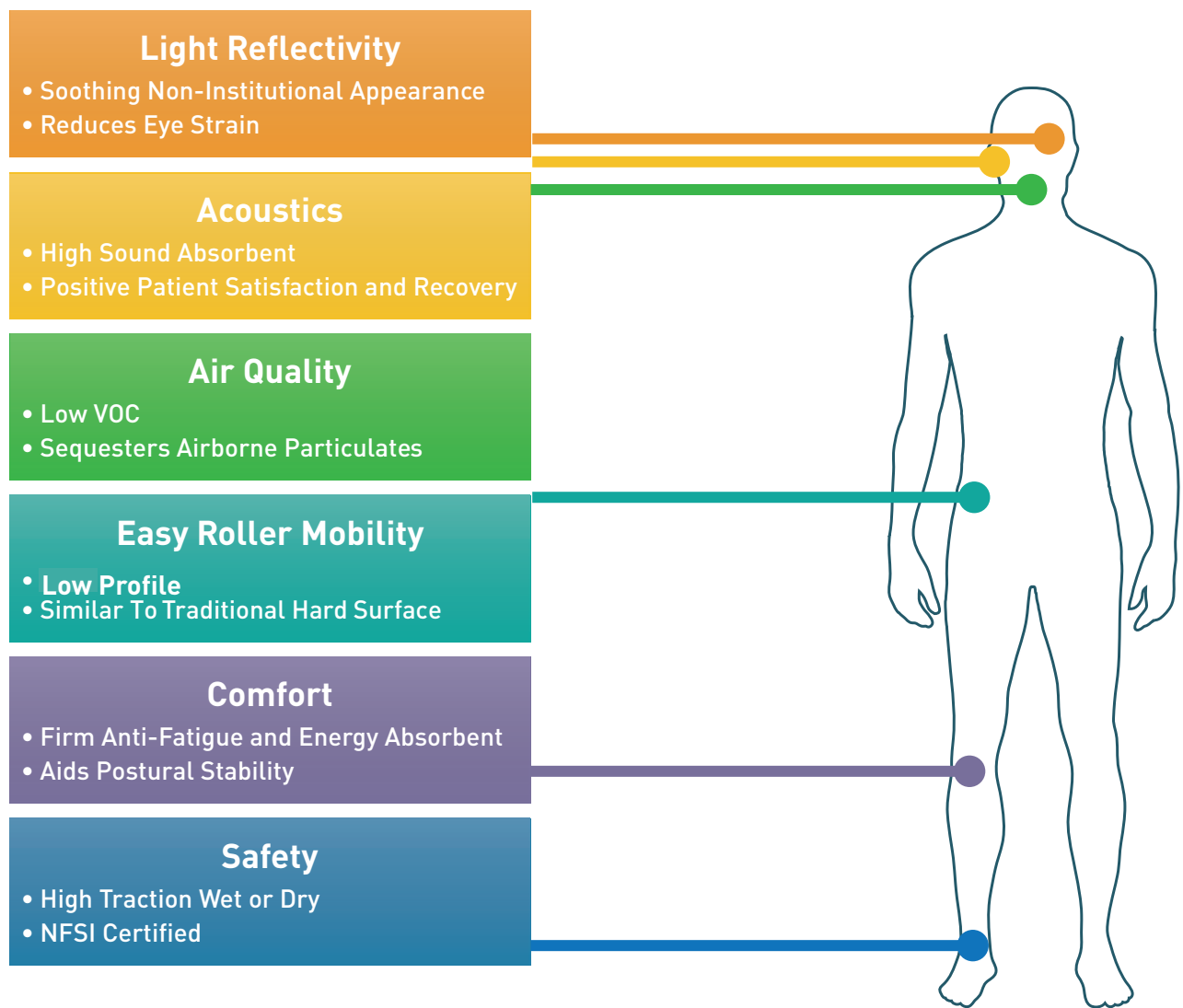
In healthcare, a growing body of data links floor covering to positive patient and staff outcomes such as:

- Reduced healthcare-associated infections
- Fewer slip/falls and injuries
- Fewer medical errors
- Improved patient satisfaction
- Improved staff satisfaction

Combined with the practiced approach of evidence-based design, Kinetex provides a solid foundation and answers the needs of each of these aspects - offering a healthier, safer healing environment.

Flooring Made For The People Who Use It

We understand that healthcare associates spend a lot of time on their feet as they handle their day-to-day activities. In addition, the comfort and safety of patients are equally important. Whether walking or standing, certain key flooring attributes can help to create an overall positive experience. Kinetex offers the following key characteristics which parallel to the needs of both patients and staff:

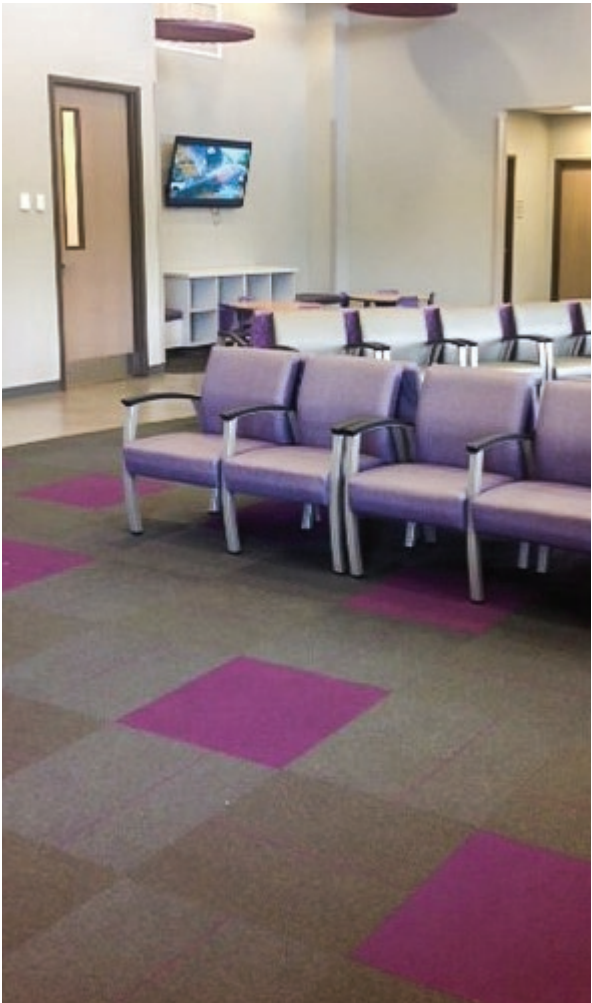


Flooring Made For The People Who Use It
Acoustics

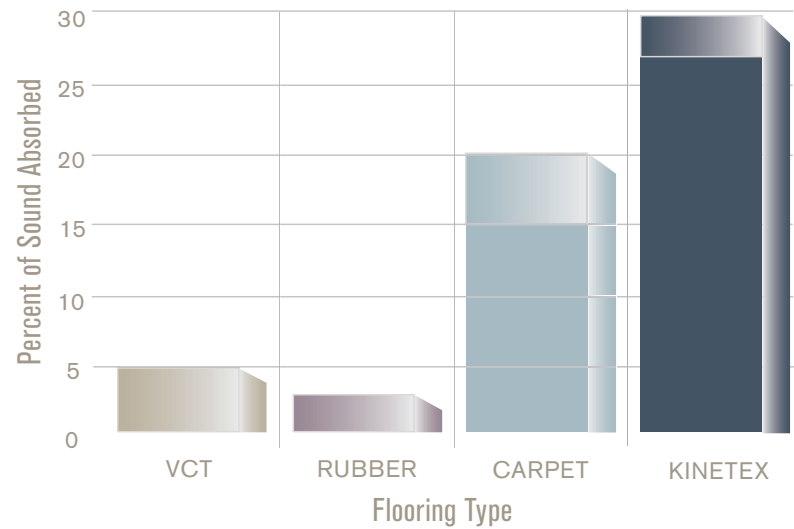
On average, the HCAHPS* results indicate the most common complaint of patients is noise.

Many studies have found that high noise levels in hospitals worsen patient outcomes such as sleep quality and physiological stress which can contribute to slip/fall injuries and increased likelihood of nosocomial infections. Speech recognition, which is critical to delivering good medical care, is also impacted by high noise levels and can lead to medication errors. All three events - slip/falls, nosocomial infections and medication errors - are common and expensive non-reimbursable "never events" which are serious hospital acquired conditions.

Kinetex products deliver exceptional acoustic performance with one of the highest Noise Reduction Coefficients (NRC) and Impact Insulation Classifications (IIC) ratings of any commercial flooring product.



Airborne Noise Reduction



Source: Testing through independent laboratory.

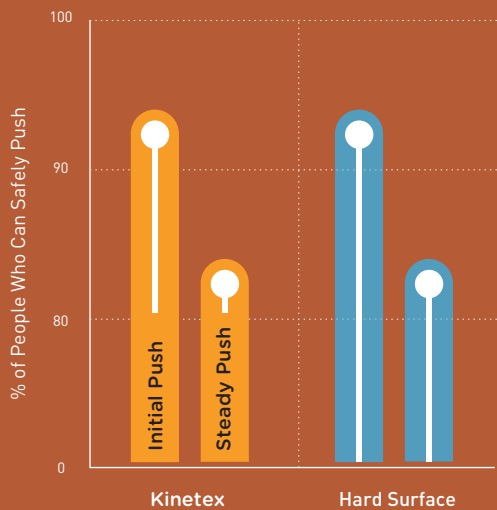
*The HCAHPS survey asks recently discharged patients about their hospital experience. Results are posted online at www.hospitalcompare.hhs.gov.

DAVENNY, B. "DESIGNING QUIET PATIENT ROOMS FOR MEDICARE REIMBURSEMENT, PATIENT SATISFACTION."

Flooring Made For The People Who Use It Roller Mobility

Kinetex's unique low profile provides rolling resistance equal to that of hard surface.

Roller Mobility Safety

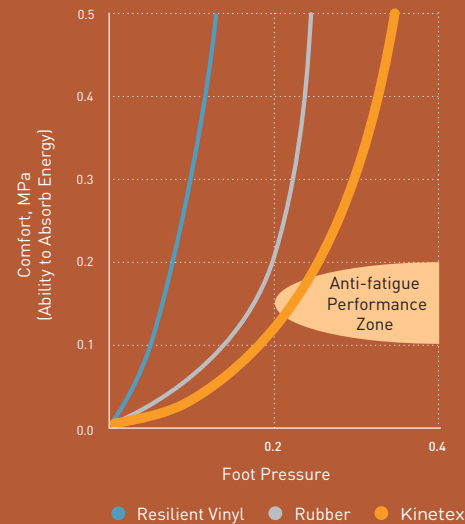


SOURCE: LIBERTY MUTUAL MATERIALS HANDLING TABLES

Flooring Made For The People Who Use It Comfort

Kinetex provides exceptional anti-fatigue properties to create a comfortable environment to stand and walk. It also 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



SOURCE: CONDUCTED BY AN INDEPENDENT LABORATORY



Flooring Made For The People Who Use It Safety

A 2003 study found that only 17 percent of people who fell on carpet suffered injuries requiring medical attention, compared to 46 percent for those who slipped and fell on hard, shiny surfaces. 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. **It is the only flooring of its kind to be certified by the National Floor Safety Institute as a high traction surface.**



700k

An estimated 700,000 to 1,000,000 people fall in U.S. hospitals annually, according to the Agency for Healthcare Research and Quality.



Fiscally Responsible - Operations & Cost Control

We realize that being fiscally responsible is critical portion of managing a healthcare facility. By understanding the implications of installation, maintenance and infection prevention, Kinetex creates a foundation for long-term value.

Infection Prevention

The Centers for Disease Control & Prevention (CDC) uses a classification system to evaluate the disinfection and sanitation of items used in a healthcare environment. This classification is organized into critical, semicritical and noncritical based on the degree of risk for infection involved in the use of the items. Because flooring only comes in contact with intact skin, it is considered a noncritical surface, which carries little risk of causing an infection among patients or staff. ⁵

The CDC divides noncritical environmental surfaces into two categories - housekeeping surfaces and medical equipment surfaces - with different levels of surface disinfection required for each. Within housekeeping surfaces, there is further categorization regarding the frequency of hand contact. Floor coverings and ceilings are considered “low-touch surfaces” while doorknobs, bedrails and light switches are considered “high-touch surfaces.”⁶

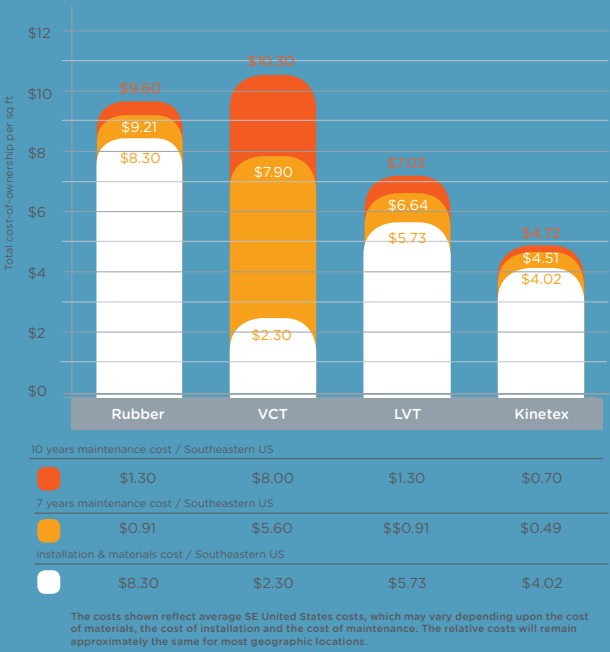
Studies have also shown that soft surfaces such as carpet and textile composite flooring are less likely to transmit infection than either vinyl flooring or other hard surfaces, and ultimately concluded that smooth surfaces were the most difficult to sanitize.

The CDC categorizes the following as noncritical surfaces:	
PATIENT CARE ITEMS	ENVIRONMENTAL SURFACES
bedpans	bed rails
blood pressure cuffs	some food utensils
crutches	bedside tables
computers	patient furniture
	floors

CDC Housekeeping Surfaces - High Touch vs. Low Touch	
HIGH TOUCH	LOW TOUCH
doorknobs	window sills
bed rails	flooring
light switches	ceilings
wall areas around toilets	
edges of privacy curtains	

Life Cycle Cost Comparison - The True Cost of Ownership

Kinetex has a significant cost advantage over hard-surface floors. 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 percent less than rubber flooring, 33 percent less than LVT flooring and 55 percent less than VCT flooring. This offers substantial savings over the life span of the flooring installation.



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.

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.

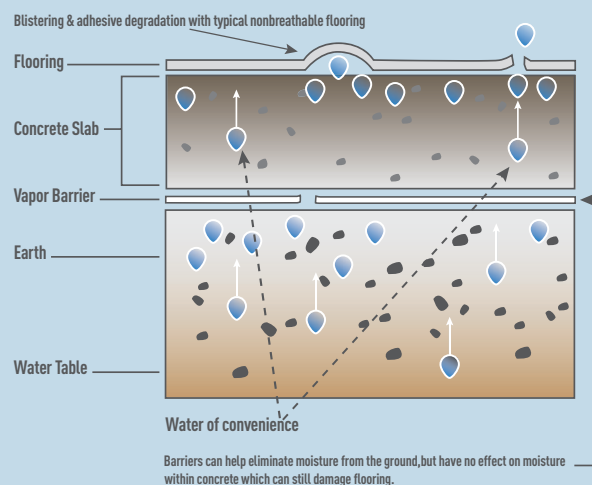
Kinetex Tolerates Up To

99% RH

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.



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



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.

- 2016 Architectural Products Product Innovation - Leadership
- 2015 Nightingale Award Gold, Hard Surface (Umbra / Umbra Stripe) [Healthcare Design Magazine and The Center for Health Design]
- 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)



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.

To learn more about zero waste or our other initiatives see our sustainability progress report online at jjflooringgroup.com/sustainability



We're on it.

The J+J Flooring Group Premium Customer Experience.

Our Premium Customer Experience is a carefully crafted process by which we guarantee that our customers will get the products, services and the reliability they expect from us.

To learn more visit jjflooringgroup.com/customer-experience



jjflooringgroup.com

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