

HIGH-PERFORMANCE FLOORING SOLUTIONS

—
FOR HEALING
ENVIRONMENTS



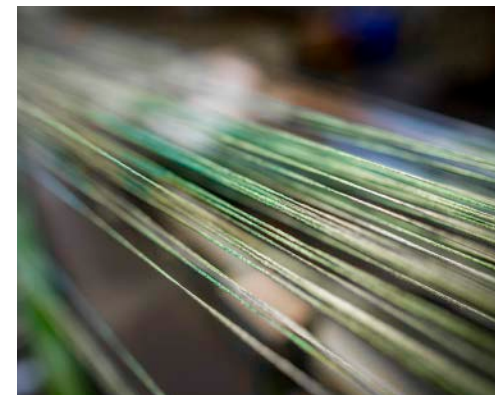
FLOORING GROUP
carpet | lvt | kinetex



Trusted, For 60 Years.

J+J Flooring Group was established to be the provider of choice for commercial flooring solutions.

For three generations, we have maintained a steadfast commitment to design, performance, service and sustainability. Year after year, we deliver beautiful, quality floors that overcome challenges inherent to commercial spaces – from corporate workplace to education, healthcare to hospitality. Designed with intention, engineered for endurance.

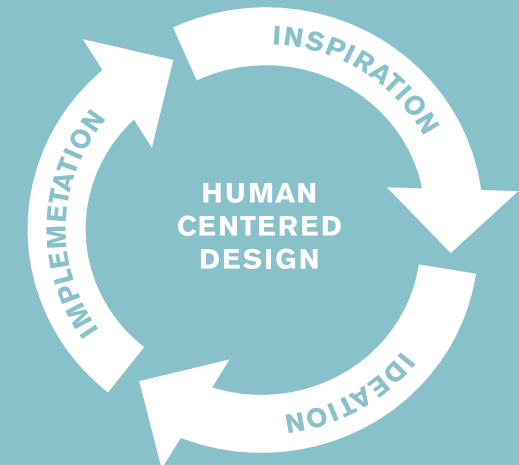


◀ Branch Out
502 Hawthorne
Chroma
1977 Electric



Evidence-Based, Human-Centered Design.

Healthcare environments are defined by their impacts and outcomes. That's why, for more than 60 years, we have designed floor covering products that directly contribute to the comfort, safety, and wellbeing of patients, visitors and medical professionals. Our innovative products are grounded in credible research and industry expertise; and are designed to directly and measurably impact the delivery and reception of care in every kind of healing space.



A growing body of data, called evidence-based design, links floor covering to positive patient and staff outcomes, including:

- + fewer slip/falls and injuries
- + fewer medical errors due to improved acoustics
- + improved patient and staff satisfaction

Our carpet, textile composite and lvt flooring solutions apply evidence-based design principles to healthcare facilities, helping you create healthier, safer environments for the people who need them most.



◀ Median Plank
1744

Carpet

Our carpet products are a unique convergence of intelligent and fashion-forward design. With broadloom and modular offerings in a wide array of visuals, carpet by J+J Flooring Group is perfectly suited for a variety of commercial applications.

Kinetex

Kinetex solves problems. An alternative to hard surfaces, Kinetex textile composite flooring provides an unprecedented range of performance attributes for acute and ambulatory care.

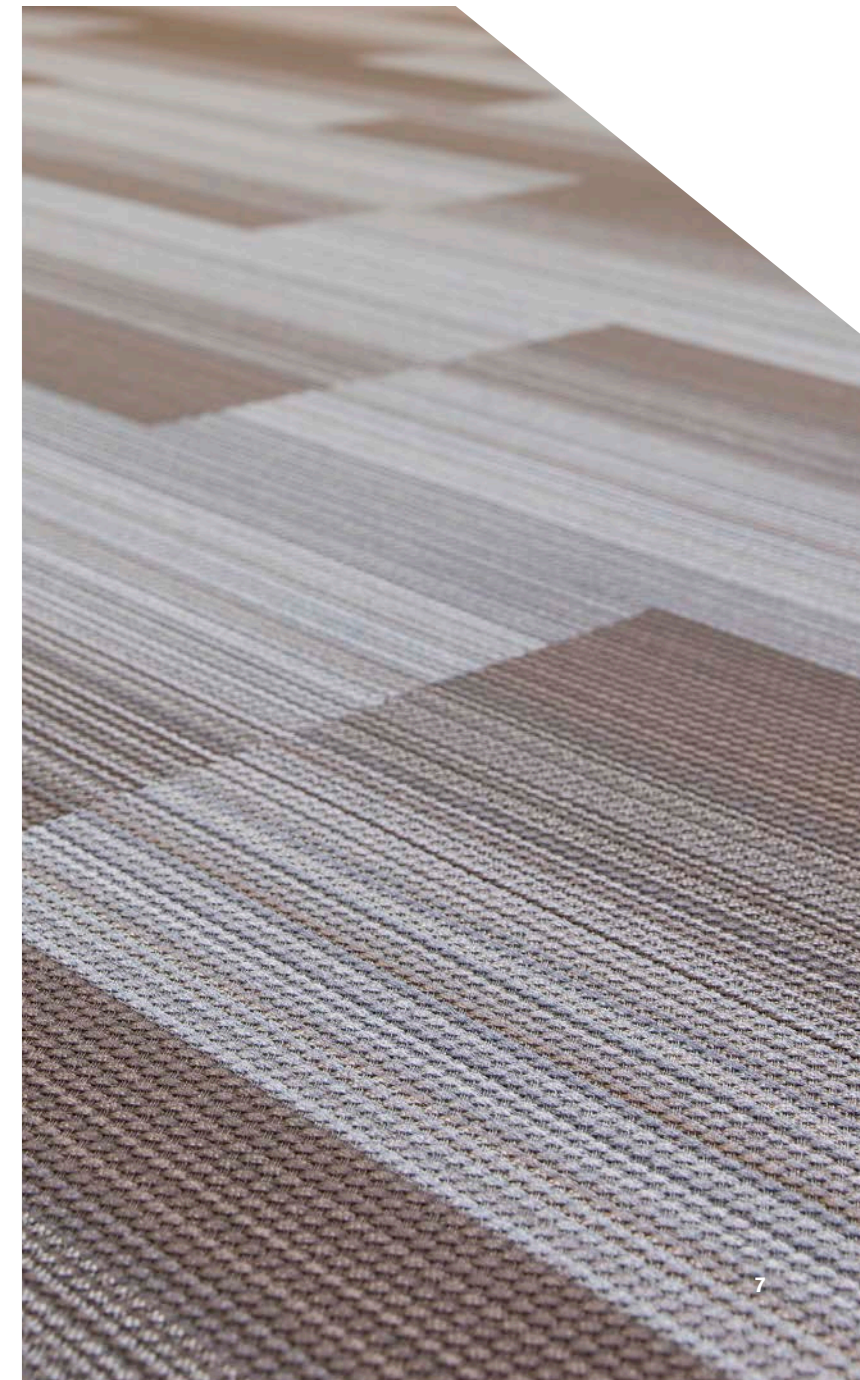
LVT

We offer some of the most advanced luxury vinyl tile products in the market. Whether you're seeking a classic hardwood aesthetic or fresh, modern design, we have an innovative and affordable LVT product for you.

▼ Framework LVT
1010 Pier



▼ Umbra, Kinetex
1762 Opaque



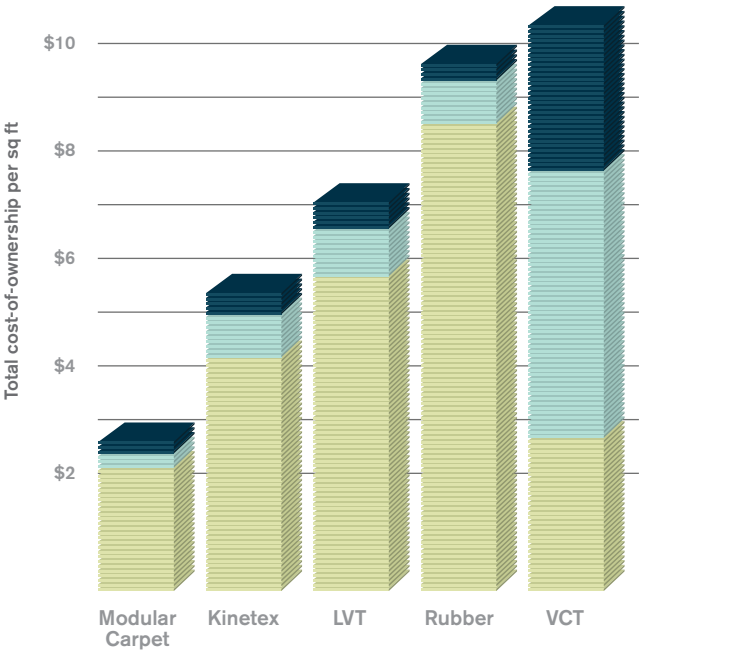
Flooring Life-Cycle Cost

Effective Meets Affordable

We're as value-conscious as you are, so we work with you to understand both your challenges and your limits. Together, we identify the products that will be most effective over the long-term, streamline the installation process, and provide a maintenance plan to ensure that your flooring performs at the highest level for years to come.

When comparing life cycle cost of ownership — defined as the cost of flooring materials, installation, and maintenance over a 7- to 10-year period — our flooring solutions have a significant cost advantage. Maintenance for our carpet and Kinetex products is less than half the cost of maintenance for hard surfaces such as VCT and rubber. Maintenance for our carpet and Kinetex products is less than half the cost of maintenance for hard surfaces such as LVT, Rubber and VCT..

While other options may require a smaller investment up front, our products offer a substantial savings over the lifespan of the flooring installation.



The life cycle cost of ownership for Kinetex over a 7- to 10-year period is approximately 51% less than rubber, almost 55% less than VCT, and 33% less than LVT.

Maintenance Cost at:
— Installation & Material Cost
— 7 Years Maintenance Cost
— 10 Years Maintenance Cost





Flooring Installation in Occupied Space

Carpet:

Changing your carpet is as easy as changing your mind. Our high-tack adhesive TileTabs® allow you to explore different colors and designs without the commitment: just peel, press and place. Glue-free and VOC-free, TileTabs are odorless and eliminate drying time for immediate occupancy - a good solution for busy 24/7 buildings.

TILETABS INSTALLATION



PEEL



PLACE



PRESS

Kinetex:

J+J PreFix is 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.

PREFIX INSTALLATION



PEEL



STICK

LVT:

Framework Collection 5mm LVT takes traditional LVT to the next level. Designed to work seamlessly with both J+J carpet modules and Kinetex, Framework makes a truly beautiful installation. With a 5mm thickness, Framework products transition to complementing flooring types – no transition strip needed. Framework also offers a loose lay installation option, which requires only perimeter glue – and makes for a faster, cleaner installation.

LOOSE LAY REPLACEMENT



TAPE



PIERCE



PULL

Maintenance

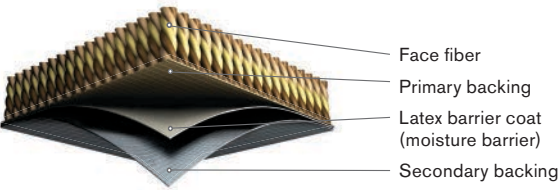
Understanding your challenges and requirements is key to establishing the best solutions for your health center. We work with you to identify the products that will be the most effective for the long term, to streamline the installation process with recommendations and support, and to provide a detailed maintenance plan to ensure that your flooring performs at the highest level for years to come.

We have developed proprietary technologies that meet the unique performance needs of each space to ensure a long-lasting flooring installation. These enhancements are designed to help your flooring resist soiling and stains, prevent bacteria and fungal growth, block odors and improve cleanability. Plus, they are guaranteed to remain on your floor and maintain efficacy through regular cleanings—including hot water extraction.

TitanBac® Plus

A differentiated high-performance moisture barrier backing system for broadloom carpet that prevents moisture from penetration to the subfloor. Ideal for use in areas where spills or incontinence are likely.

TitanBac® Plus Components

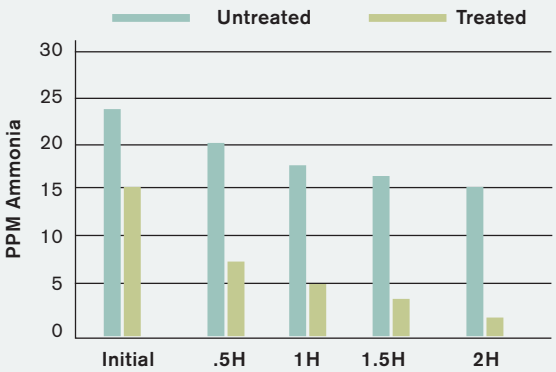


Romanesque
Custom
Palladian
1470 Embellish

Sentir®

Our groundbreaking odor-blocking technology that neutralizes odor at its root. This self-renewing treatment is designed to control or eliminate offensive odors associated with indoor environments and particularly effective on odor-bearing spills. Sentir is available on carpet and Kinetex products.

Effectiveness of Sentir® in Reducing Ammonia-Based odors



0.4 grams of a 10% solution of ammonia dropped onto 3" x 3" carpet square. Within only one hour of elapsed time, the trace of ammonia in the air of the treated flooring was reduced 68% more than the untreated flooring.



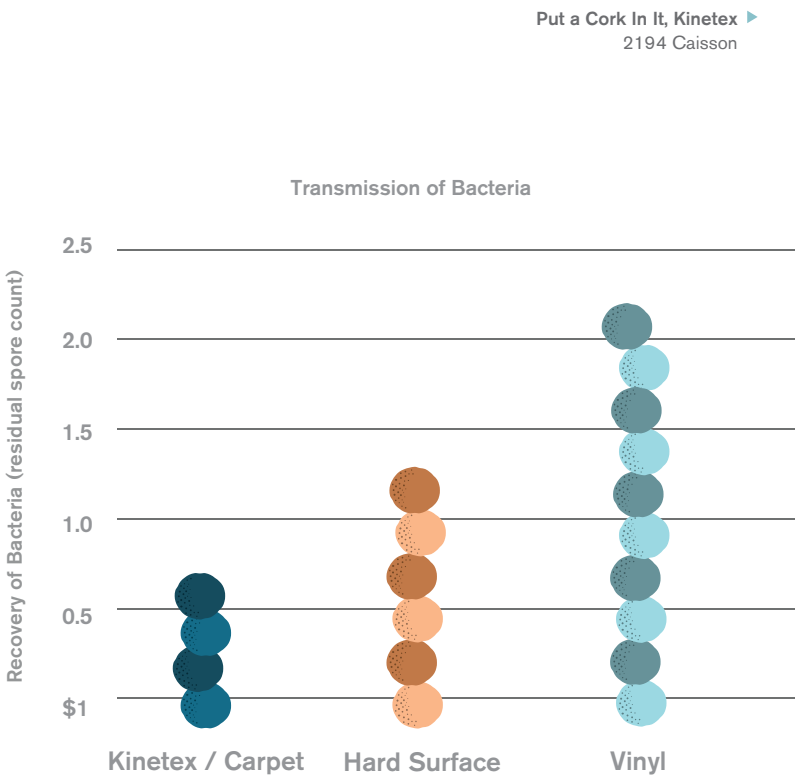
Health

Solutions for the Healthiest Care

Infection Control

According to the Centers for Disease Control & Prevention (CDC), floor coverings carry little risk of causing infection in healthcare spaces. The CDC considers flooring to be a “low-touch surface” – compared to doorknobs, bedrails, and light switches, which are “high-touch surfaces.” CDC Guidelines state that low-touch surfaces do not require extra sanitizing or decontamination.

While all flooring carries a low infection risk, soft surfaces, such as carpet and Kinetex, are even less likely to transmit infection – and are easier to sanitize.

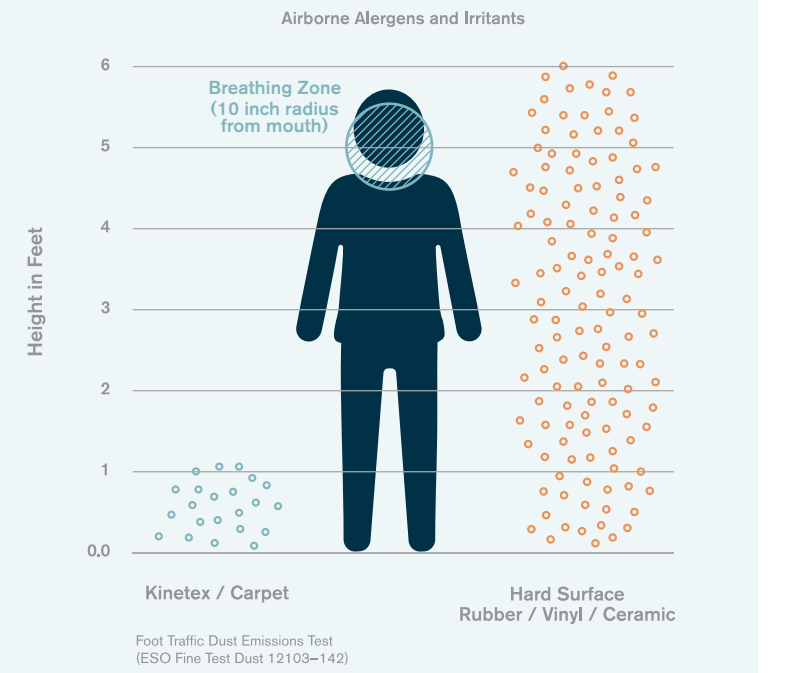


Allergens

When it comes to improving air quality, there are two factors to consider – volatile organic compound (VOC) emissions and the ability to sequester airborne particulates. Both of these can trigger asthma attacks and allergies and can impact health outcomes among patients, especially children, and hospital staff.

Air quality improvement can be enhanced by proper flooring selection. Our carpet and Kinetex products sequester dirt, dust and other allergens, keeping them out of the breathing zone.

In addition, all J+J Flooring group products – carpet, Kinetex and lvt – easily surpass VOC performance standards such as Green Label Plus, FloorScore® and California's 01350 requirements. These are some of the most commonly referenced US standards for evaluating and restricting VOC emissions indoors.





Kinetex® is the only wall-to-wall textile floor covering certified as High-Traction by the National Floor Safety Institute. Its innovative construction creates one of the most slip-resistant flooring surfaces ever tested – wet or dry – to prevent falls before they happen. And with a unique low profile, Kinetex has minimal rolling resistance, potentially reducing injuries from pushing and pulling.



Safety

Stronger Traction, Softer Steps

Falls are the most frequently reported incident in adult inpatient units. They are associated with longer hospital stays and higher costs. The US Centers for Medicare and Medicaid Services reports that a typical slip/fall injury can add on average 10 days and \$60,000 to the length and cost of a “typical” hospitalization.

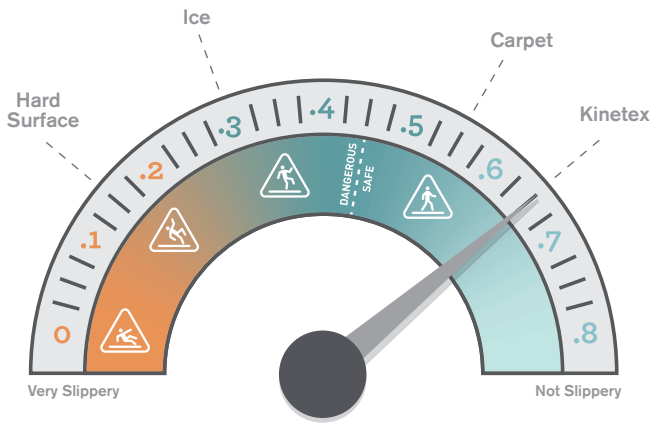
ESTIMATED NUMBER OF FALLS IN U.S. HOSPITALS ANNUALLY:

700,000–1,000,000

According to the Agency for Healthcare Research and Quality

A study by professor Alan Hedge of Cornell University 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 than LVT.

How Slippery is your Floor?



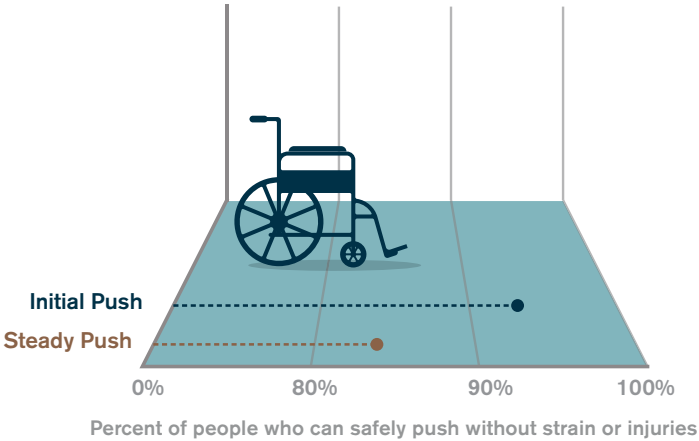
Coefficient of Friction for Wet Soapy Surfaces

◀ Strata, Kinetex
1848 Feldspar

Roller Mobility

The rolling resistance of floor covering is an important factor to evaluate for roller mobility safety. Initial rolling resistance measures the amount of force required to push a hospital bed, wheelchair, food service cart or other wheeled object forward from a stopped position. The rolling resistance coefficient, or coefficient of rolling friction, is a measure of the amount of force needed for steady pushing. In each case, the lower the resistance, the easier it is to push the object. A low profile flooring will have minimal rolling resistance, potentially reducing injuries from pushing and pulling, creating a safer condition for staff and patients.

% of People who can Safely Push on Carpet & Kinetex Flooring

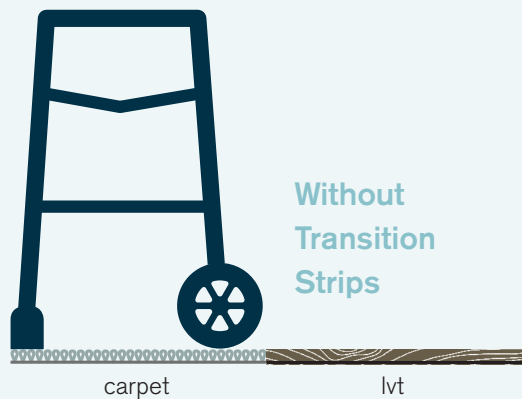
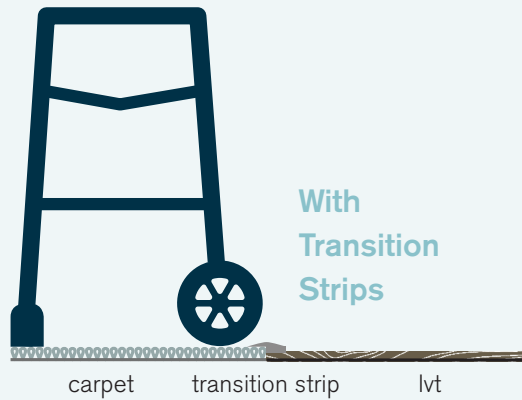


Carpet (without cushion) and Kinetex textile composite flooring have rolling resistance similar to hard surfaces, and the same reduced pushing-related injury potential as a hard surface.

Source: Liberty Mutual Materials Handling Tables

Flooring Transitions

Flooring transitions can be problematic when different flooring types are installed in the same project. Differences in the height of the products require a transition strip, creating a possible trip hazard. Our 5mm LVT is designed to transition to both J+J modular carpet and Kinetex with no need for transition strips. This allows for ease of movement between spaces and reduces risk of trips and overexertion.



Analog, Kinetex
1548 Connect
Classics LVT
1008 Paradigm

Acoustics

Floors that Keep Quiet

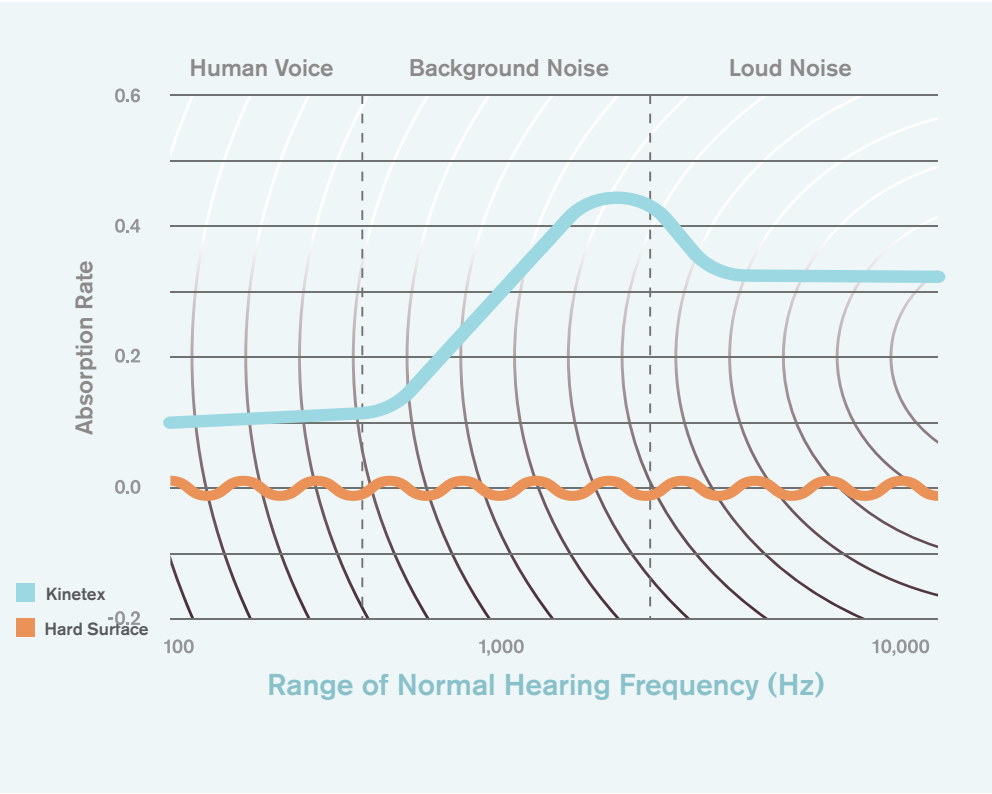
High noise levels in a hospital can contribute to physiological stress and poor sleep quality of patients. In addition, high noise levels also impact speech recognition, which is critical to the delivery of good care.

The Centers for Medicare and Medicaid Services (CMS) holds hospitals accountable for “never events” such as high noise levels. These “never events” are defined as serious hospital-acquired conditions resulting from adverse events and complications deemed “reasonably preventable” through the use of evidence-based guidelines. Hospitals will not be reimbursed for “never events.” Medication errors, injuries caused by patients falls and hospital-acquired (nosocomial) infections are all considered never events, and one of the most common factors cited by nurses as contributing to medication errors was a busy, noisy environment.

Patients taking sedatives to combat sleep disruptions, increased heart rate and other effects of hospital noise could be at higher risk of falling, which could lead to injuries. Additionally, high noise levels in hospitals can potentially contribute to reduced speed of patient wound healing of which are potential sites for nosocomial infections.

Selecting a flooring with high Noise Reduction Coefficients and Impact Insulation Classifications, such as Kinetex, results in dramatic reductions in both airborne and structure borne noise.

This noise reduction can offer patients a more comfortable healing environment and facilitate speech recognition among staff and patients. High acoustic performance flooring is a key interior component in the reduction of noise in spaces such as nurse’s stations, corridors and lobby areas.



Patient respondents on a recent Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) survey noted that they are most dissatisfied with the “quietness of the hospital environment”





Aesthetics

Serenity, Inspired by Nature

We believe that beauty can enhance the human experience — and that clean, functional solutions needn't feel sterile or severe.

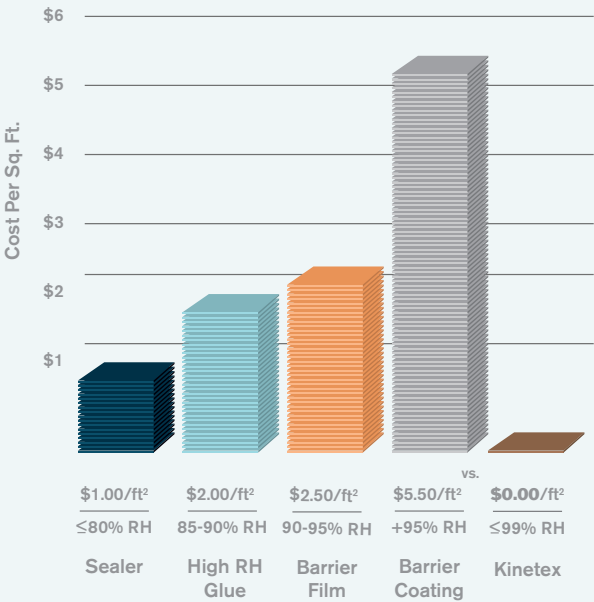
Our flooring designs infuse healthcare spaces with the tranquility and beauty of the outside world, creating spaces that make people feel cared for and respected. Our carpet and Kinetex products are available in a wide variety of calming patterns, colors and textures — from bright and welcoming to soft and soothing, warm and rustic to cool and contemporary. Visuals can stand on their own or be mixed and matched together, providing a peaceful context for all the life that happens in healthcare spaces.

◀ **Curtain Call**
2252 Atticus
Revue II
2252 Atticus

Solution for Moisture Mitigation

Moisture Tolerant, Worry-Free

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. That means flooring failures due to moisture can be a thing of the past — and you can save money by avoiding expensive mitigation.



Umbra Stripe ►
1787 Opaque Stripe





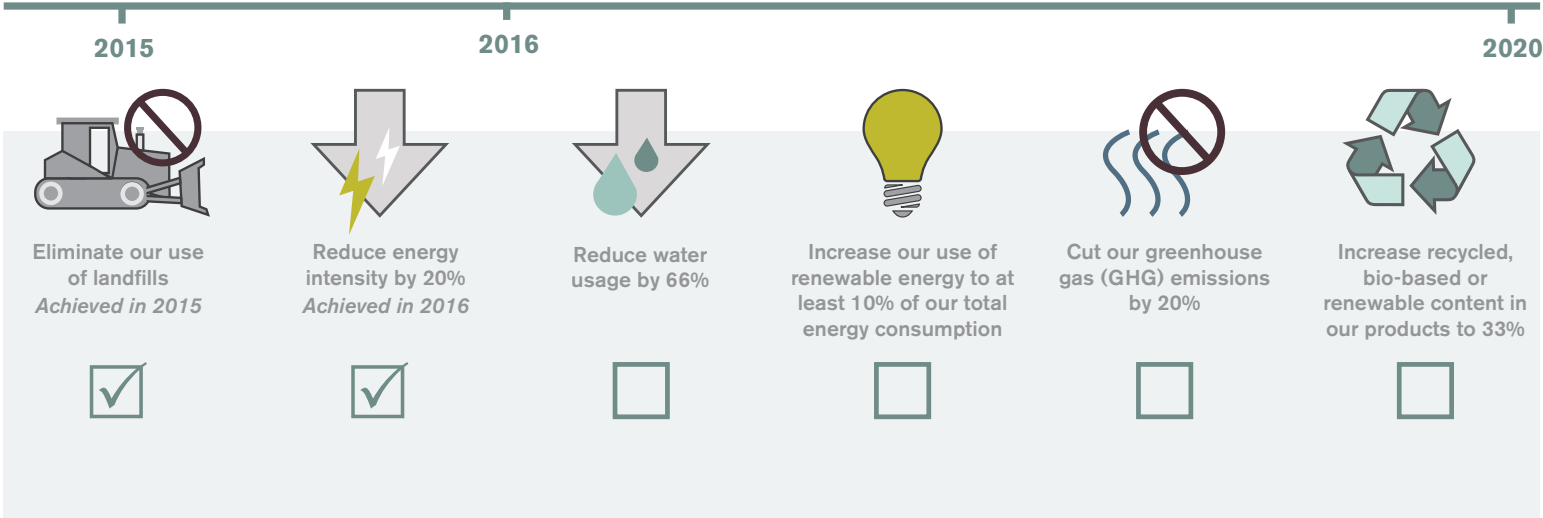
Sustainability

We keep our sustainability priorities simple: conserve the resources we use, responsibly source the materials we need, and minimize the social and environmental effects of our operations and our products. We take a multi-attribute approach and use third-party verified Life Cycle Assessment data based on ISO standards and category rules. We have also embedded a set of key environmental performance goals for the year 2020 into our operations. Called our 20/20 Vision, there are six critical targets we are working to achieve by the year 2020.

- + J+J Flooring Group is proud to be the first and only flooring manufacturer to achieve third-party Zero Waste to Landfill Certification.
- + Focused on transparency with EPDs and HPDs available
- + NSF 140 Certified Products
- + Manufactured in ISO 14001:2015 Certified Facilities
- + Third-party verified DECLARE label for all Kinetex products
- + Green Power Partner



20/20 Vision



To learn more visit: jjflooring.com/sustainability

◀ Barking Mad
Custom

Healing, Enhanced By J+J Flooring Group

For more information about how J+J Flooring Group can help you create a functional, beautiful context for health and healing, please visit jjflooring.com or contact your local J+J Flooring Group representative.



FLOORING GROUP

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