

Flooring Solutions for Higher Education

Milliken™



Welcome to Milliken

With a strong heritage of sustainable, design-led innovation, Milliken is now one of the world's foremost manufacturers of commercial floor coverings. We're proud to be a long-standing UK manufacturer, with a design, manufacturing and customer service centre in the North West of England, from which we have produced award winning carpet collections for over 30 years.

For higher education, we understand the need for floor coverings that deliver across a broad spectrum of requirements for the full range of university and college buildings to internally and externally managed student residences. With our extensive modular carpet, luxury vinyl tile (LVT) and entrance flooring solutions, supported by a comprehensive service package, Milliken offers a complete floor coverings solution for:

UNIVERSITIES & COLLEGES

- Lecture halls
- Libraries
- Circulation areas
- Social spaces
- Eating and drinking areas
- Sports centres

STUDENT ACCOMMODATION

- Bedrooms
- Corridors
- Social spaces
- Kitchens
- Bathrooms
- Recreational areas

Sustainability is core to Milliken's philosophy

We firmly believe that a healthy enterprise and a healthy earth are vitally linked and, as a company, we hold ourselves accountable to the highest ethical standards. In fact, in March 2020 Milliken was listed in Ethisphere's World's Most Ethical Companies for the fourteenth consecutive year.

Supporting Higher Education

As an experienced supplier to the education sector, we recognise that sustainability credentials and the ability to respond to demanding lead times are vital. With products engineered to perform in the most rigorous environments and designed to stay looking great, we pride ourselves in supporting all the complex requirements of higher education flooring projects.



**Welcome to Milliken —
we've got it covered**

Universities & Colleges

When performance matters

Quieter spaces improve learning

Milliken's cushion-backed carpet can have a powerful impact on learning. By absorbing up to 60% more ambient sound than hard-backed tiles and up to twelve times more than hard surface products, our cushion backing makes it easier for students and teachers to hear, communicate and concentrate.

Milliken cushion backing has also been shown to reduce impact sound, for example, from foot traffic in and around classrooms, by up to 40% when compared to hardback carpet. This can help make spaces feel much calmer and less frenetic.

Numerous studies have shown that reduced noise levels improve knowledge retention and reduce error rates among students and can even minimise vocal chord strain for teachers.

Well-being and Floor Covering

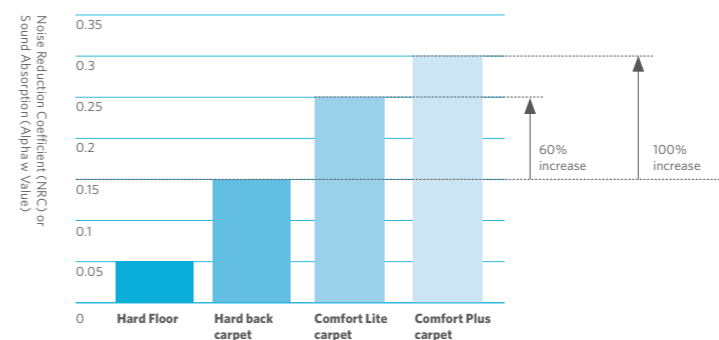
Milliken's floor coverings offer many tangible well-being benefits in terms of approved acoustics, comfort, indoor air quality and safety, all of which enhance students' well-being.

Milliken Cushion Backing absorbs up to

60%

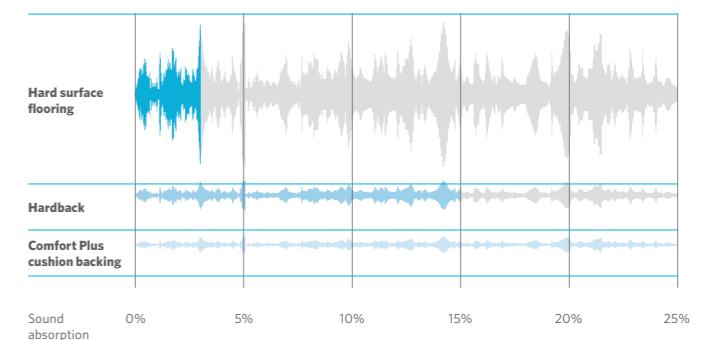
more noise than hardback

Impact Noise Comparison



Comfort Plus® reduces impact sound (e.g. from foot traffic) by up to 40%

Sound Absorption Comparison



Milliken Cushion Backing provides:

- 24% less noise generation than hardback carpet
- 90% less noise generation than a hard surface

For the most demanding environments

Floor coverings are typically the most used and abused interior finish in a building. This applies particularly to university and college buildings experiencing large volumes of foot traffic from students.

Protecting a carpet's appearance will have a significant impact on the overall long-term aesthetics of the interior. By acting as an insulating shock absorber, Milliken cushion backings protect the face of the carpet from the effects of traffic and wear and can extend the life of the carpet by up to 50%.

Guaranteed performance

Milliken offers one of the industry's most robust warranty packages. Depending on the product, this includes 15, 12 or 10 year wear guarantees, a latent defects warranty and lifetime antistatic guarantee.

Protecting your carpet investment

Many of our carpet collections are protected with StainSmart® — a state of the art treatment for penetrating stains and soil. The treatment becomes an inherent part of the carpet ensuring its on-going durability over years of use, even in high traffic areas.

Milliken cushion backing can extend the life of the carpet by up to

50%

Milliken's Obex entrance matting systems are engineered to provide a protective barrier against the outside elements, preventing dirt and moisture from entering a building. The range includes Quadrus modular entrance tiles which offer the ultimate combination of function and style to co-ordinate with Milliken's carpet collections.

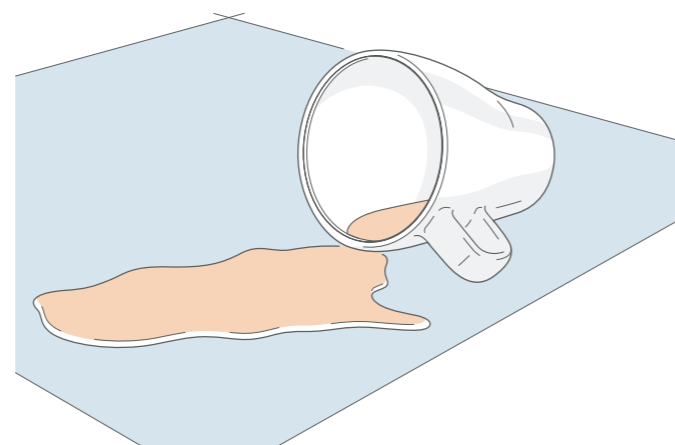
StainSmart®

Stain Resist

This chemistry blocks the dye sites of the fibre, lessening the ability of a stain to bond with the carpet.

Soil Release

StainSmart prevents soil from adhering to or embedding in the fibre surface and enhances the efficiency of soil removal when proper cleaning techniques are followed.



Bradfield College, Reading, UK
Product shown — Colour Compositions



Kings College London, Bush House
Product shown — Custom Design

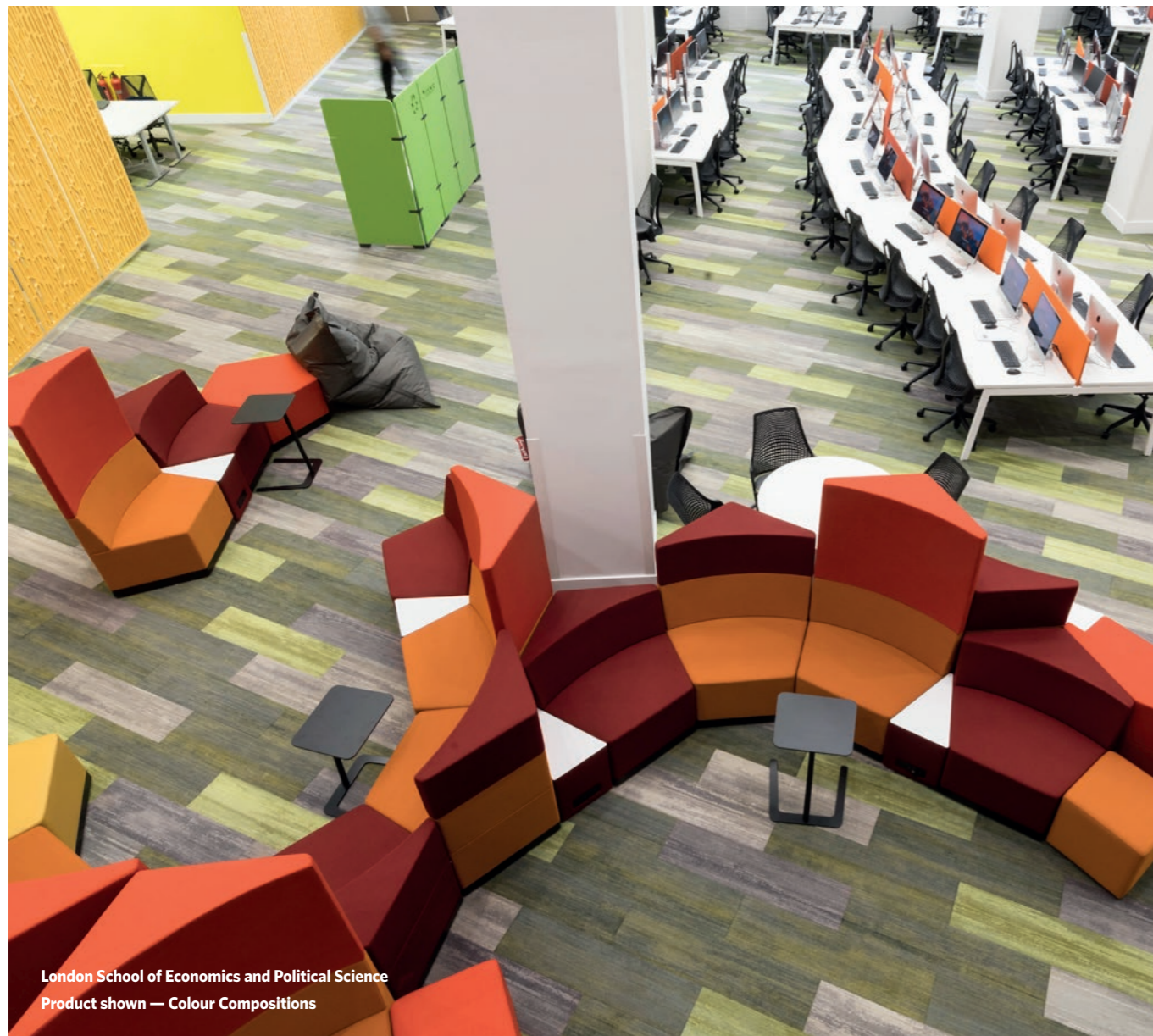


Designed to inspire

Milliken's extensive standard design collections offer a comprehensive choice of hundreds of 'off-the-shelf' carpet and LVT surfaces, designs, textures and colours.

Where a more unique approach is required, our Millitron® carpet design technology, with high-resolution digital colour placement, can be used to create stunning bespoke designs. This proprietary technology can create complex pattern effects and colour combinations, with fast lead times and one box minimum quantities — not possible with any other carpet manufacturing technology.

For university and college spaces this offers the opportunity for creating truly inspiring spaces. Our in-house design team can also work with you to develop a specific design to reflect your university or college's colours or emblem. For students and staff, this approach often helps instill pride and a sense of belonging in the space.



London School of Economics and Political Science
Product shown — Colour Compositions

UNIVERSITIES & COLLEGES



Crown House Student Accommodation, Sheffield
Product shown — Clerkenwell



IQ Student Accommodation, Bristol
Product shown — Clerkenwell



Queen Mary University of London , ITL Building
Product shown — Nordic Stories

STUDENT ACCOMMODATION



Aparto Caton Court Student Accommodation, Lancaster
Product shown — Clerkenwell

Student Accommodation

Creating a home from home

Expectations in accommodation for today's generation of students are high. Milliken floor coverings are designed to deliver exceptional standards of comfort and performance along with strong sustainability credentials.

The floor is the foundation for everything we do, a link between individuals and their built environment. At Milliken we think of the floor and specifically the floor covering as a vital health and wellness resource, which is an important factor when living away from home.

Making an educated choice

Beautiful spaces equal happy people and what we see around us has a profound effect on our mental health. Our design portfolio offers a range of aesthetics to inspire and excite today's generation of students.

The floor plane offers an ideal canvas to inject colour and pattern to create a sense of community, uniting people as they work socialise, live and learn together.



Imperial College London, Evelyn Gardens student residences
Product shown — Laylines



True Student Accommodation, Sheffield
Product shown — Clerkenwell



STUDENT ACCOMMODATION

Crown House Student Accommodation, Sheffield
Product shown — Clerkenwell



True Student Accommodation, Glasgow
Product shown — Clerkenwell



University of London, Nutford House student residences
Product shown — Nordic Stories

Have some fun!

Great flooring design can make a dramatic impact on a space. Milliken's design team can work with you to develop a complete design scheme for a student residence that will create a unique and unifying look from the bedrooms and corridors to the communal and facility spaces.

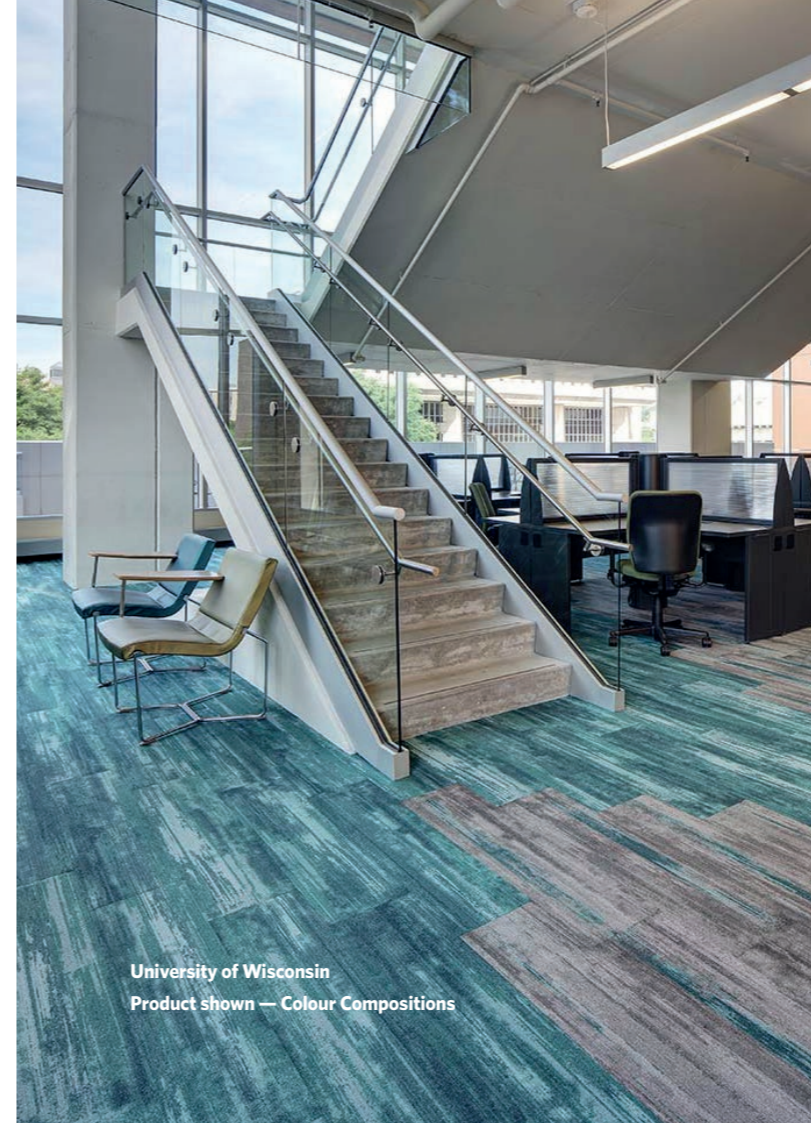
The speed and flexibility of Millitron® patterning can create an entirely new and bespoke signature design or colour concept for an interior. A custom project can include a simple tweak to a standard pattern, can reflect a university or college's identity or be a truly outstanding statement design.

Our standard Millitron® design collections also offer an extensive range of patterns, colours, textures and construction types that will meet all design, sustainability and budget requirements. These collections feature:

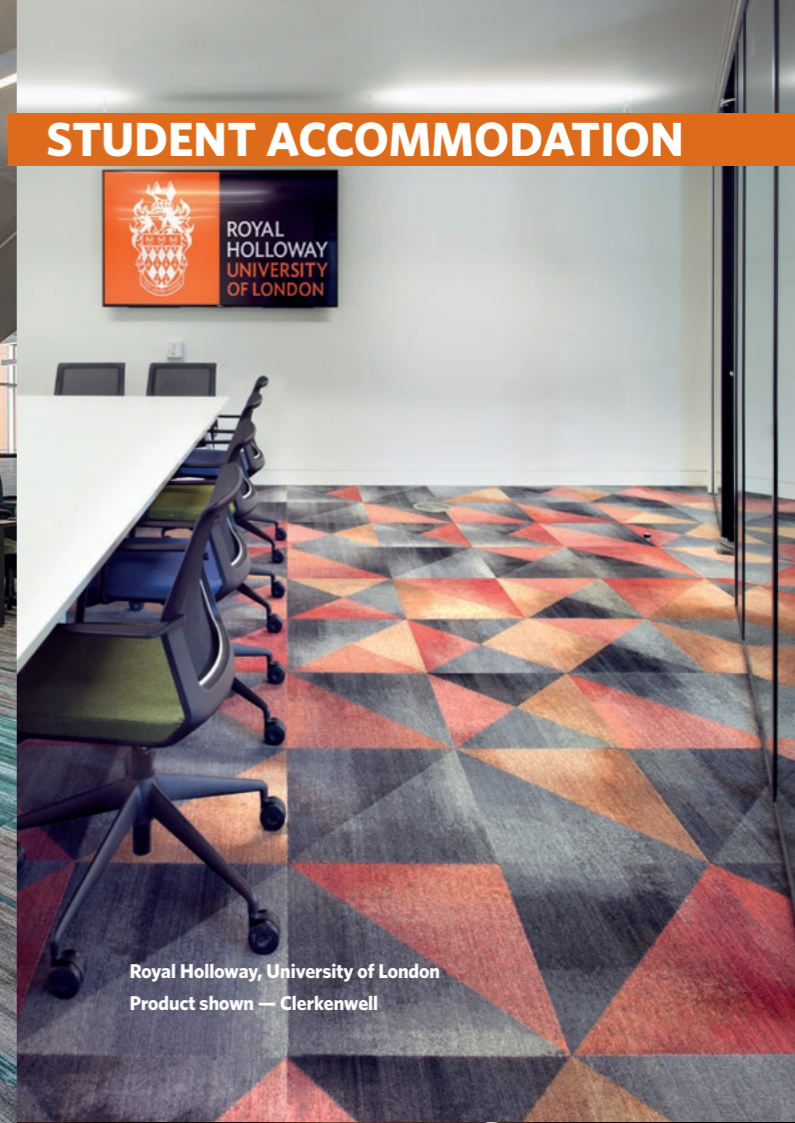
- **Innovative patterns in different carpet formats, such as planks**
- **Premium and luxurious constructions**
- **Highly styled, complex constructions using advanced yarn combinations to create differentiated design effects**
- **High performance loop pile constructions, engineered to meet a budget**
- **Recycled content**

Milliken's latest portfolio of Luxury Vinyl Tiles are designed to combine seamlessly with our carpet collections. This range includes some inspiring abstract designs and an extensive choice of authentic wood and stone effects.

London School of Economics and Political Science
Product shown — Colour Compositions



University of Wisconsin
Product shown — Colour Compositions



STUDENT ACCOMMODATION



Royal Holloway, University of London
Product shown — Clerkenwell



True Accommodation, Glasgow
Product shown — Clerkenwell

Reducing your building's environmental footprint

From our manufacturing plant in Wigan, Lancashire, Milliken operates with the highest standards of environmental efficiency and production quality. Going beyond regulatory compliance means that our customers can be assured that Milliken products will have a minimal environmental impact on a building.

Responsible manufacturing

With a strong focus on the reduction of all forms of emissions, waste and pollution, our UK manufacturing plant operates using the following principles of environmental efficiency:

- ISO14001** — the highest standard of efficient and environmentally responsible manufacture
- ISO9001** — the highest standard for quality
- ISO14006** — design for environment guidance, ensuring that the best practice of ISO14001 and 9001 is considered at the design stage
- LEAN** manufacturing principles for efficiency

Reducing Milliken's resource consumption is a vital component in our sustainability journey. We purchase electricity from renewable sources and recycle production waste. Wherever practical, raw materials are sourced locally, from ethically and environmentally approved suppliers. These efficiencies are reflected in our BRE ratings, which show the continued reduction in environmental impact.

Milliken works with key industry groups and certification organisations to ensure full disclosure and complete transparency around our products and their components.

Our sustainable product strategy is guided by three key principles

1. Products with maximum recycled content

Milliken now offers over 1000 design options using Econyl® 100% regenerated nylon, while our innovative recycled materials provide a light weight backing that makes no compromise on performance.

2. Products designed to minimise waste

Our products are engineered with minimal waste in mind. TractionBack® adhesive-free installation also reduces installation time while eliminating any VOCs associated with glued installation. By optimising carpet face weight to meet a range of performance and budget requirements we ensure our products are never wastefully over-engineered.

3. Producing products that maximise their useful life

Milliken entrance flooring solutions can eliminate 90% of dirt coming into a building, while our modular carpet cushion backing can extend the product's life by up to 40%. The addition of StainSmart® protection and a regular maintenance program will optimise the useful life of the product and positively impact the lifetime cost of the flooring.



Royal Holloway, University of London
Product shown — Culture Canvas

Making it happen – fast

Milliken's complete service solution approach is paramount for projects to run smoothly. Our Education Project Team also understands the importance of working to the tight and restricted lead times that this sector typically has to work within. Milliken prides itself on delivering a fast and reliable service to help you through your busiest moments.

Quick Ship delivery

Our unique Millitron® digital design capability means that we do not need to rely on availability of yarn supplies and can deliver our carpet quickly and consistently.

Milliken offers some of the fastest lead times in the industry, with thousands of flooring products included in our Quick Ship delivery programme:

24 Quick Ship 24 Hour Service

For when speed is super critical, we can offer up to 50 options from our four most popular collections available for despatch within just 24 hours.

10 Quick Ship 10 Day Service

Includes almost 1500 design and colour options, up to 1000 sq. metres, available for despatch within 10 days from order placement.

Sampling

We offer fast access to full tile and plank samples, product folders and catalogues of our current designs and colours. And, when you've finished with your samples, they can be returned to us free of charge and we'll ensure they are responsibly recycled for reuse.

Ordering samples is easy, go to: www.millikenfloors.com or call Milliken's Sample Hotline: **+44(0)1942 612 803**

SAMPLE HOTLINE +44 (0)1942 612 803

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