

The logo is centered within a white, rounded rectangular frame. The background of the entire image is a dense, black and white speckled pattern, resembling a marbled or stone texture. The text 'Milliken' is written in a cursive script, followed by a small trademark symbol.

Milliken™

*Education Flooring
Solutions*



Ridley College, Melbourne | ARM Architecture | Photographer: Chalk Studio
Top: Water Yuludarla, Mayala in Blush (MAY146-100) | Bottom: Water Yuludarla, Yildaani in Charcoal (YIL6-133)

MEETING WITH MILLIKEN

Highlights of Milliken Flooring Benefits:

Milliken doesn't just sell flooring - they sell science backed platforms

- Beauty + Science = Transformation
- Compliant with Department of Education Guidelines
- Solve noise and moisture problems
- Quick response times
- Create positive atmosphere in schools
- Better workplace for teachers
- Improve student learning
- Improve student behaviour

Teacher retention is a big deal

MILLIKEN COULD BE THE ANSWER TO A LOT OF PROBLEMS

NOTES



Flooring is one of the biggest structural components affecting interior acoustics. Hard surfaces are noisy and do not absorb sound. They tend to reflect it back into the room or transmit it through the floor to spaces below. FLEXFORM LVT and Milliken carpet with WellBAC® cushion backing reduce noise up to 50%.

UNSW Student Services & Library - Faculty of Arts, Design & Architecture, Paddington Campus, Block D, GF | MCA Architects | Builder: Belmadar
Metro Park Wood | Live Oak in Jacobean | LOK18

ACOUSTICS

Milliken = The quietest floors in the industry

Sounds good to me!

• Noise causes stress

← Ha! Tell me about it.



• Noise hurts concentration

• Our WellBAC cushion backing tiles absorb 60% more noise and transmit 50% less noise than hardback

• Acoustic technology for carpet and LVT

• FlexForm LVT

GAME CHANGER!

I can't even imagine a quiet school

NOTES

Midcoast Forster Library NSW | TVS Architects | Photographer: Matthew Carbone
Water Yuludarla | Jagun in Blush (JAG146-100) and Mayala in Blush (MAY146-100) | Jagun in Oceanic (JAG73-180) and Mayala in Oceanic (MAY73-180)



WellBAC®

Milliken WellBAC® open cell foam cushion provides superior durability, appearance retention and cushioning.



UNDERFOOT COMFORT

Up to 24% greater underfoot comfort for enhanced ergonomics whilst standing.



ACOUSTIC VALUES

Up to 50% improved acoustics for quieter, more productive spaces.



MOISTURE MITIGATION

Industry leading moisture management with non-reactive backings to enhance the installation process, saving time and money.



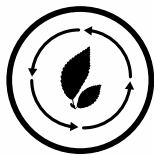
MATERIAL HEALTH

3rd party Verified Declare™ Red-List Free products for occupant and installer well-being.



INDOOR AIR QUALITY

Enhanced Indoor Air Quality (Green Label Plus™ Certified Low VOC) for improved occupant and installer well-being.



CIRCULARITY

100% Recyclable through the Milliken N/XT Life circularity program for both installation waste and end-of-life.

FACE FABRIC

Patterns and structures made up of nylon yarns with our state of the art tufting technology.

PRIMARY BACKING

The face yarn is tufted through a high quality non-woven textile. The structure of the textile holds the yarn in place acting as the primary backing.

PRECOAT

The precoat layer locks the tufted yarns in the primary backing to ensure good tuft bind strength between the yarns and the backing.

FIBERGLASS

A high quality fiberglass layer is embedded in the polyolefin compound to ensure dimensional stability of the tile.

SECONDARY BACKING

Proprietary Polyolefin compound layer formulated by Milliken R&D scientists to create a durable and stable tile. Our formulation does not contain PVC or plasticizers.

PREMIUM CUSHION

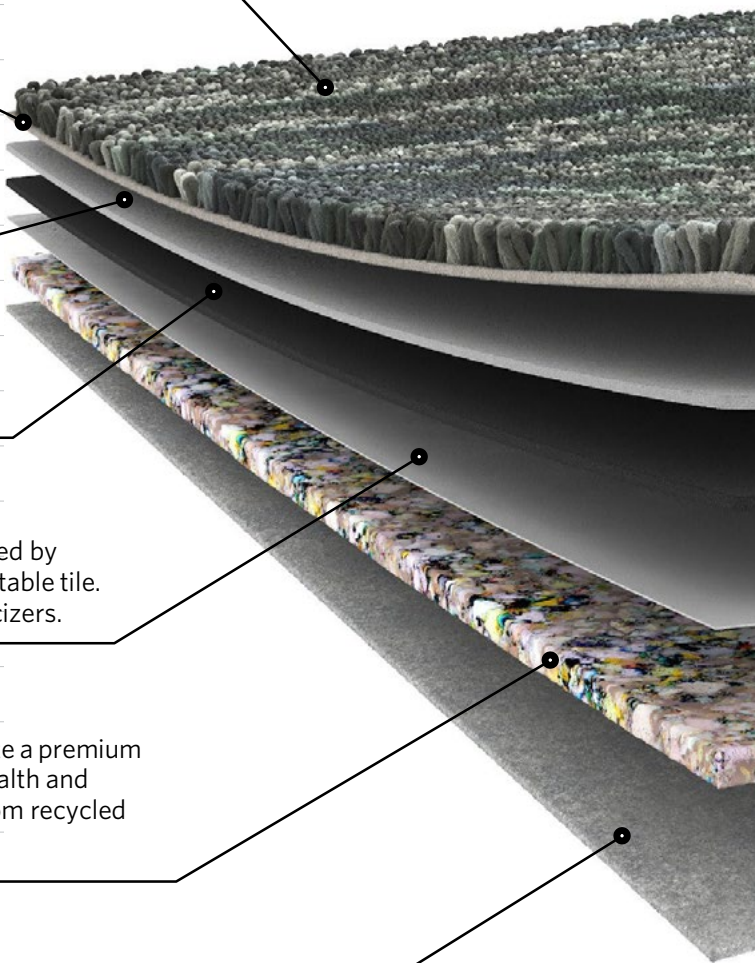
WellBAC® Comfort and Comfort Plus incorporate a premium cushion layer, designed to provide additional health and wellness benefits. Milliken's cushion is made from recycled polyurethane foam.

NOTES

FELT BACK

A protective non-woven textile layer provides a breathable non-reactive finish. It enhances health and wellness.

Milliken's standard cushion backing system — offering enhanced underfoot comfort, acoustic and wear performance.



Why Milliken

Style Backed by Performance



WELLBAC® (PVC-FREE)

Environmentally sustainable and transparent WellBAC® cushion backing is integrated into all our carpet products, providing uncompromising performance for all your project needs. The WellBAC® Non-Reactive Felt Layer is chemically inert and won't react to adhesive residue, reducing time and costs required for floor preparation. Cushion back also provides superior underfoot comfort while improving the carpet's durability and offering ergonomic, acoustic and environmental benefits.



MGUARD+

MGUARD+ treatment kills 99% of the SARS-CoV-2 virus within 2 hours of contact with Milliken PrintWorks™ carpet tiles. MGUARD+ treatment kills 99% of S. aureus, E. coli, K. pneumoniae in 24 hours as per AATCC 174-2. Duration of protection varies with use. Powered by HealthGuard®. Only available in Australia and New Zealand.



ACOUSTIC VALUES

Unwanted noise can have adverse effects, leading to stress and impacting both mental and physical well-being. Milliken delivers the quietest flooring solutions in the industry, by offering cutting-edge technology with WellBAC® cushion backed products for superior noise-reducing properties, while creating positive experiences and productive spaces - absorbing up to 60% more noise and transmitting 50% less noise than hardback carpet.



MOISTURE MANAGEMENT (SRS)

Milliken modular carpet is a moisture mitigation solution all by itself. Unlike with hardback products, water vapour has a way to escape from beneath Milliken's WellBAC® cushion backing. It travels freely through our WellBAC® open-cell cushion, evaporating naturally through seams at the edges of each carpet tile. All modular carpet tiles come with a 20-year warranty against adhesive breakdown due to moisture vapour emissions.



UNDERFOOT COMFORT

An environment that offers both comfort and productivity can foster positive moods and enhance occupants well-being. Milliken's WellBAC® cushion backed carpet tiles and planks have ergonomics built directly into the carpet themselves, which can reduce muscle fatigue by 25% and heel impact loads by 30% - while lasting up to 50% longer than conventional carpet tiles.



20-YEAR WARRANTY

Our products are backed by a 20-year commercial warranty, which are extensive and comprehensive, ensuring product quality and peace of mind for our clients. Milliken stands behind its products in the areas of Face Fibre Wear, Staining/Soiling Resistance, Colour Pattern Permanency, Delamination of Backing, Edge Ravel, Tuft Bind, Floor Compatibility, Antistatic, Flammability, Cushion Resiliency, Dimensional Stability, Floor Release and Moisture Resistance.



STAINSMART®

StainSmart® a proprietary treatment applied to Milliken carpets, designed with a durable performance feature providing unmatched protection for your carpet against penetrating stains and soil.



MILLIKEN COUTURE

Milliken Couture embodies our PrintWorks™ capabilities with a 4-step customisation process of CONCEPT, DESIGN, REFINE and PRODUCE, bringing seamless simplicity and speed to creating your bespoke carpet designs.



Safe Materials - meeting the growing demand for health solutions.

• 4 Product Categories / Over 800 Designs Globally

CARPET TILE / RESILIENT / ENTRANCE FLOORING / ADHESIVES

• Aligned with up to 14 WELL feature specifications, our products can contribute to the achievement of 14 points and help meet 2 preconditions.

CONCEPT	FEATURE	FEATURE NAME	MAX POINTS
AIR	A09.1	Pollution Infiltration Management - Design Healthy Entryways	1 Point
WATER	W07.1	Moisture Management - Design Interiors For Moisture Management	1 Point
MATERIAL	X01.1	Material Restrictions Restrict Asbestos	Precondition
MATERIAL	X05.1	Enhanced Material Restrictions Select Compliant Architectural And Interior Products	1 Point
MATERIAL	X06.1	Limit VOCs From Wet-Applied Products	2 Points
MATERIAL	X06.1	VOC Restrictions Restrict VOC Emissions From Furniture, Architectural And Interior Products	2 Points
MATERIAL	X07.1	Materials Transparency Select Products With Disclosed Ingredients	1 Point
MATERIAL	X07.2	Materials Transparency Select Products With Enhanced Ingredient Disclosure	1 Point
MATERIAL	X07.3	Materials Transparency Select Products With Third-Party Verified Ingredients	1 Point
MATERIAL	X08.1	Materials Optimization Select Materials With Enhanced Chemical Restrictions	1 Point
MATERIAL	X08.2	Materials Optimization Select Optimized Products	1 Point
MOVEMENT	V02.1	Ergonomic Workstation Design: Provide Support At Standing Workstations	Precondition
MIND	M02.1	Provide Connection To Nature	1 Point
MIND	M07.1	Provide Restorative Space	1 Point

CLIMATE ACTION

Net Zero in Motion

Net Zero Targets Verified by SBTi

Low Embodied Carbon EPD

3rd Party Verified M/PACT™

MATERIAL HEALTH

No Chemicals of Concern

Cradle to Cradle Certified Silver

Declare Red List Free

Low VOC CRI Green Label Plus

Health Product Declaration

PVC-Free

CIRCULARITY

Local Recycling

N/XT Life™ Local Carpet Tile

Recycling

Resiloop Founding Member

GREEN STAR

Alignment with GBCA's Responsible Products Guidelines

30rpv

Milliken achieves one of the highest responsible product value for carpet tiles.

WELL BUILDING STANDARD

Licensed for WELL

Works with WELL

800+ Products Worldwide

Alignment with 5 Concepts and 14 Features

SOCIAL VALUE

Positive Impact on Communities

Property Industry Foundation

Reconciliation Through Design

I Am Hope

Modern Slavery Statement



= COMFORT =

Reduce Teacher Fatigue

- Teachers stand in front of their classes
- Standing on hard floors is bad for joints
- Milliken carpet is cushioned
 - Reduces muscle fatigue by 25%
 - Reduces Heel impact loads by 30%
 - Lasts up to 50% longer than conventional carpet tiles

Keep my teachers
HAPPY!

NOTES



MOISTURE

Moisture is a problem for a lot of schools

Our school
is built on
refilled land

- Mould, mildew
- Poor air quality makes schools unhealthy
- SOLUTIONS: Carpet with WellBAC cushion backing
 - LVT adhesive solution to alleviate moisture
 - Permeable, moisture evaporates
 - Eliminates the need to carry out extensive moisture mitigation before installation

Ask my rep

Talk about air quality and health at next internal meeting



NOTES



CLEANLINESS

Keep DIRT out of our school

- Milliken Entrance Flooring Tiles keep out up to 95% of dirt and contaminants

- It's called OBEX

(Tile / Grid)

← nobody[☆]
Can compete with
Milliken

- Save money on maintenance
- Better indoor air quality
- Safety, cleanliness, long-term wear and tear

YES!

NOTES



COLOUR AND BRANDING

School Spirit with Milliken Couture

- Easily match school colours
- Emblems can be printed on carpet
- Quick Ship with flexible and quick lead times

PrintWorks technology
can digitally print seamless custom designs

Proprietary!
Milliken invented this!

This could really ramp up
the atmosphere

* I love the Clerkenwell collection -
lots of colour and design
options...

NOTES





Water Yuludarla Featured Artwork



Ridley College, Melbourne | ARM Architecture | Photographer: Chalk Studio
Left: Water Yuludarla, Yildaah in Ochre (YIL33-59)
Right: Water Yuludarla, Yildaah in Charcoal (YIL6-133)



Star of the Sea Jnr Primary School, South Australia | Edge Architects & Interior Design & Totalspace Design
Photographer: David Sievers
Water Yuludarla, Jagun in Charcoal (JAG6-133), Mayala in Fern (MAY141-180) and Formwork in Pitch (FWK27)

RECONCILIATION THROUGH DESIGN

Connecting to Country

Celebrating diversity and inclusion

- Platform to promote Indigenous artists in mainstream commercial projects
- Design-led collaboration with artists & designers = incorporating Indigenous culture & design in interiors
- Community benefit - royalties paid to artists
- Flexible + Adaptable + Customisable with Country influence

Great way to connect students to Indigenous heritage

NOTES

BRINGING INDIGENOUS ART TO THE FLOOR

Self-sanitising Carpet

Integrated Infection Control



MGUARD+ treatment kills 99% of the SARS-CoV-2 virus within 2 hours of contact with Milliken PrintWorks™ carpet tiles.

MGUARD+ treatment kills 99% of *S. aureus*, *E. coli*, *K. pneumoniae* in 24 hours as per AATCC 174-2.

Duration of protection varies with use.

Powered by HealthGuard®.

Only available in Australia and New Zealand.

Declare.



= **MGUARD+** =

EFFICACY

MGUARD+ is proven to kill 99% of SARS-CoV-2 viruses within 2 hours of contact with Milliken PrintWorks™ carpet tiles as per ISO 18184 (2019) testing protocols and *S. aureus*, *E. coli*, *K. pneumoniae* bacteria, and prevent the growth of *A. brasiliensis* fungus as per AATCC 174 (2016) – Part 2&3, 24-hour and 7 days testing protocols.

Evaluation of the potential for skin irritation was conducted by an independent ISO-certified lab through an Occlusive Patch Test on 20 healthy subjects for both Immediate Skin Irritation Potential (ISIP) and Skin Irritation Potential (SIP). No allergic reaction was observed.

ENVIRONMENTAL

SAFE ON SKIN

The anti-viral agent used in MGUARD+ is accepted by the International Nomenclature of Cosmetic Ingredients (INCI) and is commonly used as a preservative in everyday household products, such as shampoos, conditioners, hand soaps and body washes.

The PrintWorks™ carpet tile treated with MGUARD+ meets the low VOC emission criteria set by GBCA/NZGBC, it is Declare Red List Free and does not contain any heavy metals.

DURABILITY

The durability of protection will vary with use.

NOTES

The MGUARD+ treatment is tested to remain 98.22% effective against Omicron BA.2 after 10 hot water extraction carpet cleaning cycles.

NEW INNOVATION

When you choose M/PACT™ products, you can be sure your choice is part of the M/PACT™ carbon neutral program. The raw materials and manufacturing carbon footprint* by using 3rd party Verification Carbon Standard Credits that support renewable energy and carbon reduction technologies to help fight climate change.

*as calculated and verified through a ISO14025/ISO14040 compliant LCA and published in third party EPD.

Milliken is fighting CLIMATE CHANGE

- Responsible sourcing of raw materials
- No harmful chemicals ← Red List Free
- Recycled materials
- Manufacturing close to customers
- M/PACT - Carbon Neutral Program.



Need to do this for
future generations!

NOTES

Milliken stands **FOR HUMANKIND** in every action and decision we make. We are committed to helping clients reach their identified carbon goals and building certifications by eliminating waste and reducing carbon emissions with our N/XT Life™ Circularity Program. Our products create beautiful spaces that enhance well-being and productivity through material health, improved acoustics, and comfort. We are taking actionable steps to advance the circular economy and mitigate climate change through our N/XT Life™ Program, where longevity, transparency, and circularity are the keys to its success.

N/XT LIFE™

CIRCULARITY PROGRAM

The Milliken N/XT LIFE™ Circularity Program leads the industry in product stewardship by collecting and recycling installation waste and end-of-life carpet tiles locally in Australia and New Zealand. From the installation of our tiles to their end-of-life, we facilitate a fully circular process, ensuring zero waste is sent to landfill.

• ZERO WASTE TO LANDFILL

Guaranteed recycling in Australia and New Zealand



• CARBON CONSCIOUS

Low carbon recycling process



• LOWER COSTS

No recycling costs: only freight charges apply

NOTES

• 100% TRANSPARENCY

Local recycling / reclamation certificate provided





Milliken

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