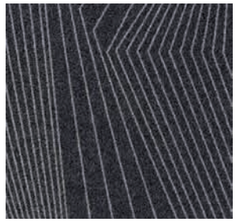
TOPOGRAPHY 2.0
Milliken

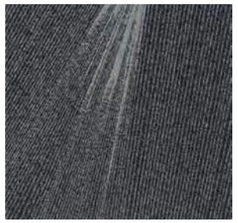
TOPOGRAPHY 2.0

EXPLORER design is the geometric abstraction of the organic contour lines within a topographical map. It is a modern take on an ageless cartographic medium that is both familiar and innovative.

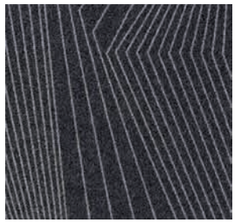


EXP144-119 BORDER

RELIEF design acts as both the antithesis and compliment to Explorer. Greater line density starts to create visual planes while emphasising the geometry and rhythm of Explorer.

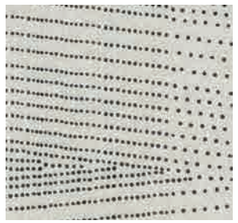


REF144-119 BORDER

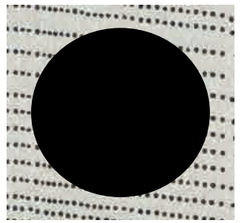


EXP144-119 BORDER

NAVIGATOR design is based on a 3-dimensional point field map, Navigator used a series of pixel points to create plane and perspective within a single tile. A combination of tiles create a dynamic terrain comprised of tilting and shifting visual planes.



NAV119-219 BREAK-LINE



CUSTOM AREA TAG

REGIONS design shifts the scale and density of Navigator. What once felt like a textural abstraction of a 3-dimensional plan, now takes on its own unique surface quality.

NAV133-94 PLANS

REG133-94 PLANS

Parliamentary Library, Wellington, New Zealand | Pynenburg & Collins Architects | Photographer: Jason Mann
Explorer in Border (EXP144-119) and Relief in Border (REF144-119) | Monolithic Installation

MAPPING TOOLS

Topography - Explorer

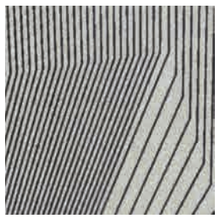
Explorer in Border and Relief in Custom Colourways | Monolithic Installation

Explorer in Plans (EXP133-94) and Terrain (EXP218-145) | Brick (Horizontal) Installation

Connect Head Office, Eight Mile Plains, Queensland | Bear Space | Photographer: Grace Ko and Julia Tamatea
Explorer in Break-Line | EXP119-219 | Monolithic Installation

Explorer in Break-line and Custom Colourway | Monolithic Installation

Explorer in Break-Line Custom Colourway | Monolithic Installation

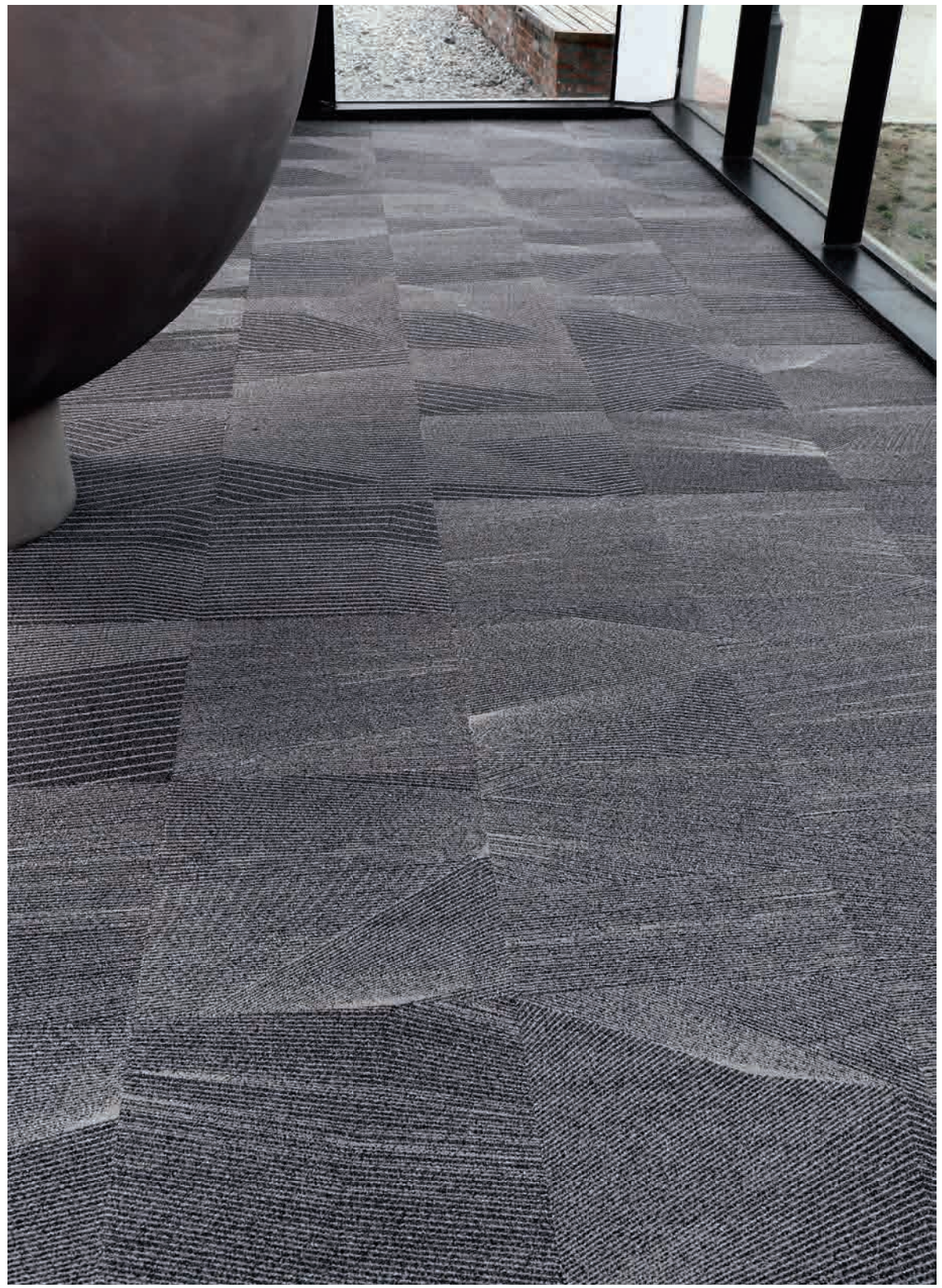


EXP119-219 BREAK-LINE

CUSTOM WAYFINDING

MAPPING TOOLS

Topography - Relief



Explorer in Border (EXP144-119) and Relief in Border (REF114-119) | Monolithic Installation

Relief in Elevate | REF219-108 | Monolithic Installation

Relief in Break-Line | REF119-219 | Monolithic Installation

MAPPING TOOLS

Topography - Navigator

Navigator in Break-Line Custom Colouway | Monolithic Installation

Navigator in Elevate | NAV219-108 | Monolithic Installation

Left to Right: Navigator in Surfaces (NAV219-13) and Terrain (NAV218-145) | Monolithic Installation

MAPPING TOOLS

Topography - Regions

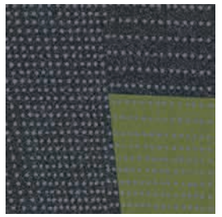
Navigator in Plans (NAV133-94) and Regions in Plans (REG133-94) | Monolithic Installation

Regions in Surfaces | REG219-13 | Monolithic Installation

Regions in Break-Line (REG)19-219)and Break-Line with Sun | Monolithic Installation

Navigator and Regions in Landform and Landform with Sun, Tangerine and Parrot | Monolithic Installation

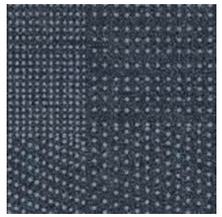
Navigator and Regions in Landform and Landform with Sun, Tangerine and Parrot | Monolithic Installation



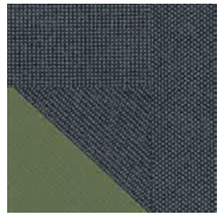
NAVZ202-153-118
LANDFORM WITH PARROT

NAVZ231-153-118
LANDFORM WITH SUN

NAVZ25-153-118
LANDFORM WITH TANGERINE

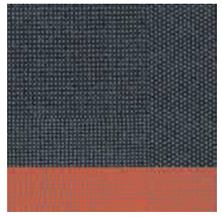


NAV153-118 LANDFORM

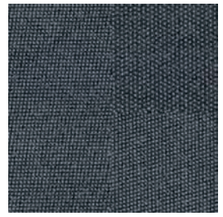


REGZ202-153-118
LANDFORM WITH PARROT

REGZ231-153-118
LANDFORM WITH SUN

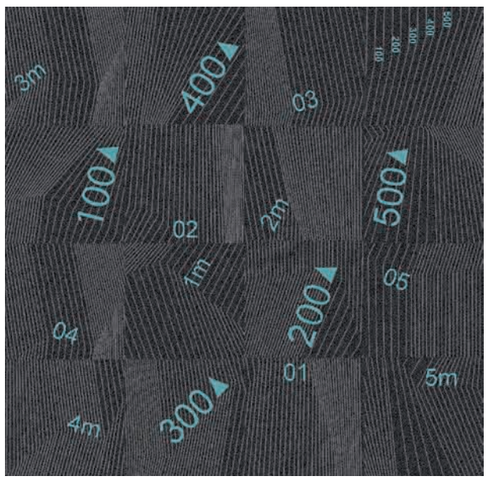


REGZ25-153-118
LANDFORM WITH TANGERINE



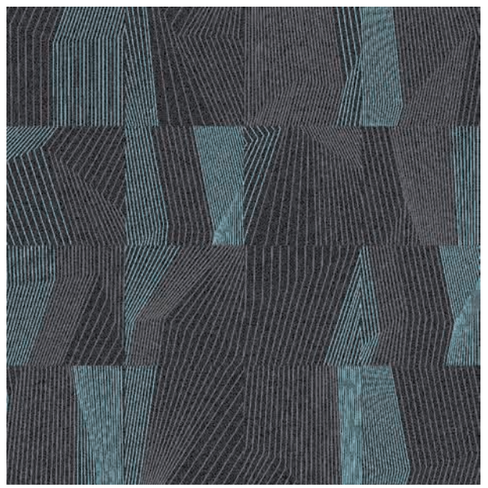
REG153-118 LANDFORM

DRAWING TOOLS



Explorer - Navigate (Custom)

Explorer - Area Tag (Custom)



Explorer - Wayfinding

Explorer - Zones

Symbols placement options:

Navigate: Number graphics (Custom)

Area Tag: Symbols (Custom)

Wayfinding: Accent Lines

Zones: Accent Blocks

Symbols placement with Accent colour options

231 Sun

202 Parrot

140 Azul

19 Navy

25 Tangerine

109 Scarlet

custom Black

custom White

Wayfinding

Explorer

Relief

Navigator

Regions

Zones

Explorer

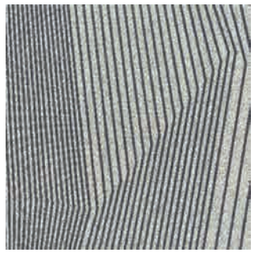
Relief

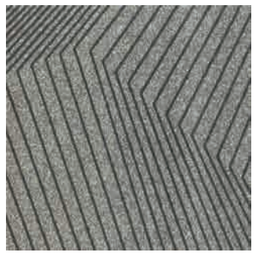
Navigator

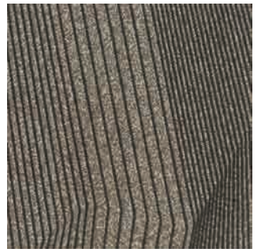
Regions

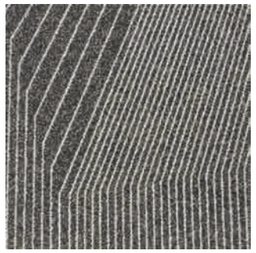
COLOURWAY

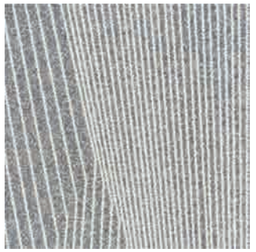
Explorer

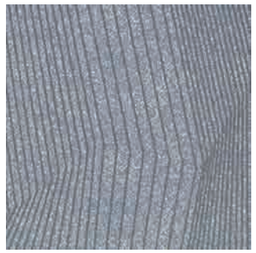

EXP154-218 PROJECTION

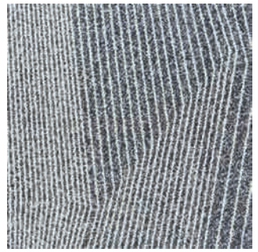

EXP119-6 MAPPING

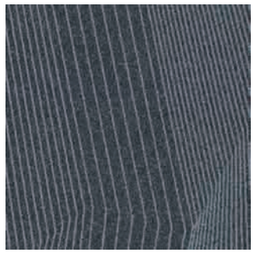

EXP133-94 PLANS


EXP218-145 TERRAIN

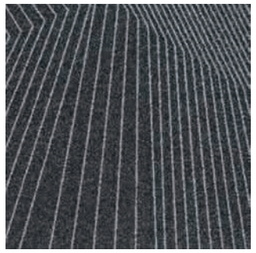

EXP219-108 ELEVATE


EXP13-153 GRID


EXP219-13 SURFACES


EXP153-118 LANDFORM

EXP119-219 BREAK-LINE


EXP144-119 BORDER

ACCENT EXAMPLES Zones

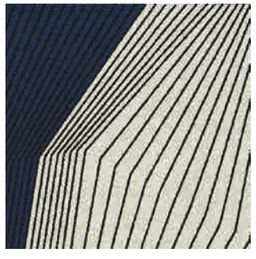
EXPZ231-119-219
BREAK-LINE WITH SUN

EXPZ25 -119-219
BREAK-LINE WITH TANGERINE

EXPZ109-119-219
BREAK-LINE WITH SCARLET

EXPZ202-119-219
BREAK-LINE WITH PARROT

EXPZ140-119-219
BREAK-LINE WITH AZUL

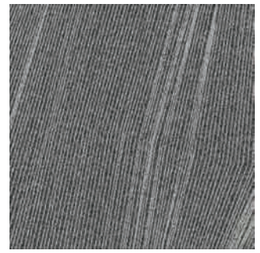

EXPZ19-119-219
BREAK-LINE WITH NAVY

Relief

REF154-218 PROJECTION

REF119-6 MAPPING

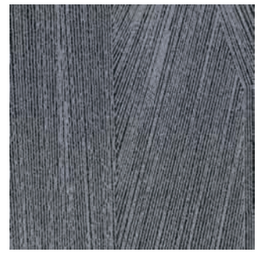
REF133-94 PLANS

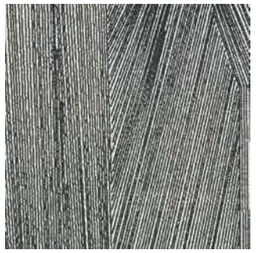

REF218-145 TERRAIN

REF219-108 ELEVATE

REF13-153 GRID

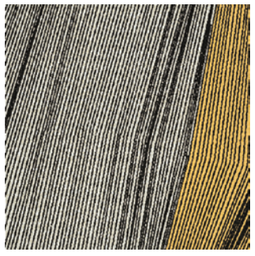
REF219-13 SURFACES

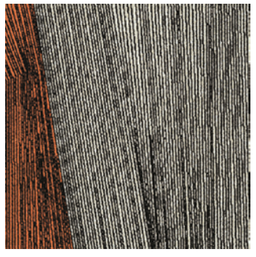

REF153-118 LANDFORM

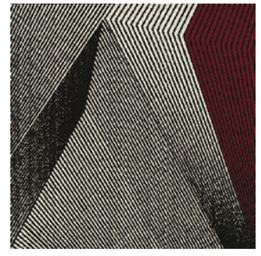

REF119-219 BREAK-LINE

REF144-119 BORDER

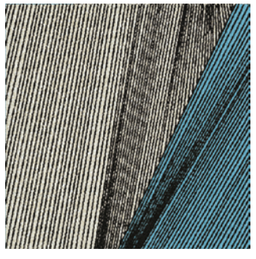
ACCENT EXAMPLES Zones

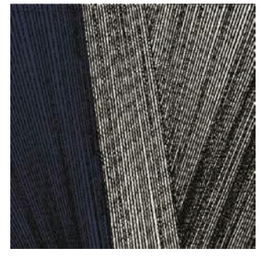

REFZ231-119-219
BREAK-LINE WITH SUN


REFZ25 -119-219
BREAK-LINE WITH TANGERINE


REFZ109-119-219
BREAK-LINE WITH SCARLET

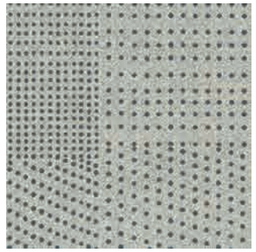
REFZ202-119-219
BREAK-LINE WITH PARROT

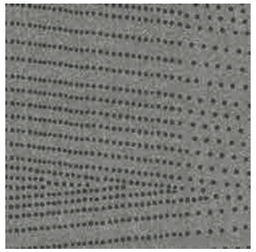

REFZ140-119-219
BREAK-LINE WITH AZUL

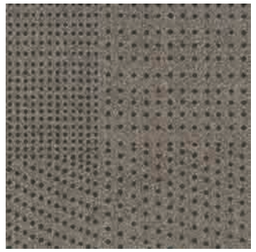

REFZ19-119-219
BREAK-LINE WITH NAVY

COLOURWAY

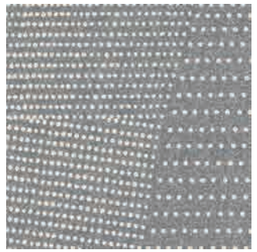
Navigator

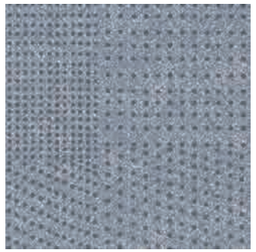

NAV154-218 PROJECTION

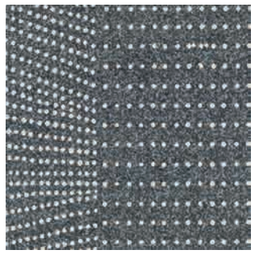

NAV119-6 MAPPING

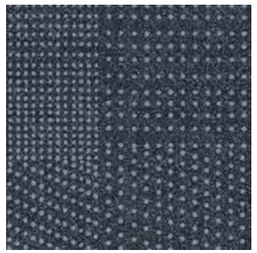

NAV133-94 PLANS

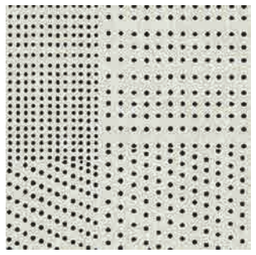
NAV218-145 TERRAIN

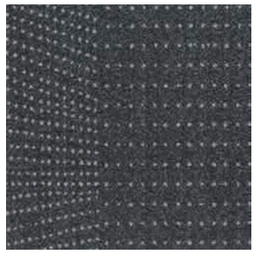

NAV219-108 ELEVATE


NAV13-153 GRID


NAV219-13 SURFACES

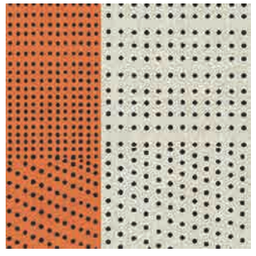

NAV153-118 LANDFORM


NAV119-219 BREAK-LINE


NAV144-119 BORDER

ACCENT EXAMPLES Zones

NAVZ231-119-219
BREAK-LINE WITH SUN


NAVZ25 -119-219
BREAK-LINE WITH TANGERINE

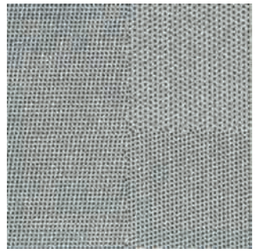
NAVZ109-119-219
BREAK-LINE WITH SCARLET

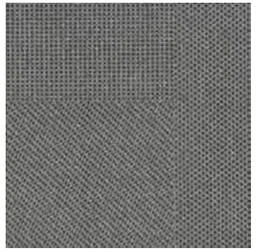
NAVZ202-119-219
BREAK-LINE WITH PARROT

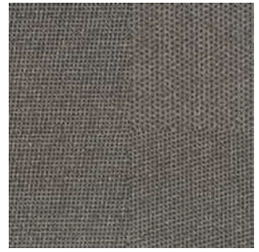
NAVZ140-119-219
BREAK-LINE WITH AZUL

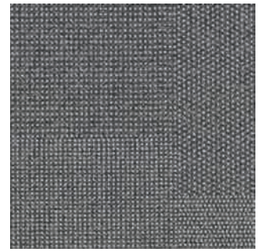
NAVZ19-119-219
BREAK-LINE WITH NAVY

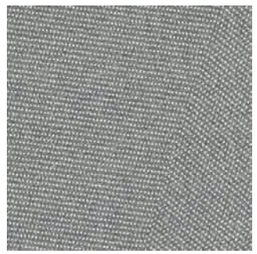
Regions

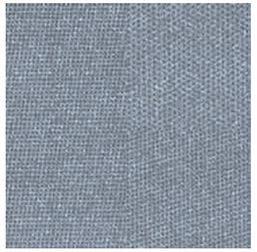

REG154-218 PROJECTION

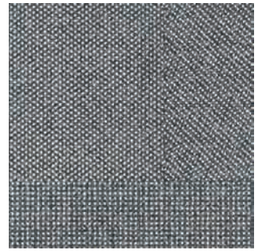

REG119-6 MAPPING

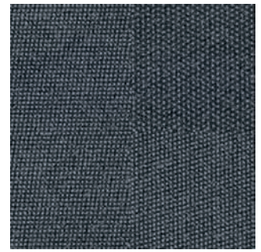

REG133-94 PLANS

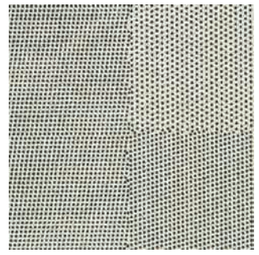

REG218-145 TERRAIN


REG219-108 ELEVATE


REG13-153 GRID

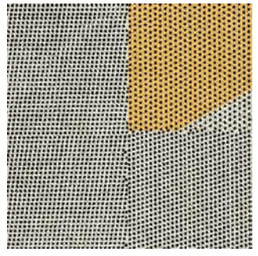

REG219-13 SURFACES

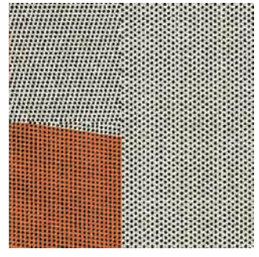

REG153-118 LANDFORM

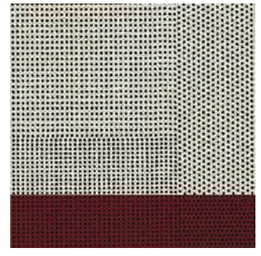

REG119-219 BREAK-LINE

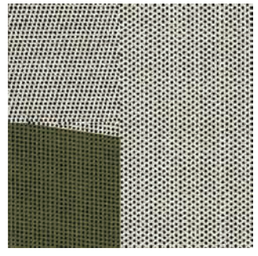
REG144-119 BORDER

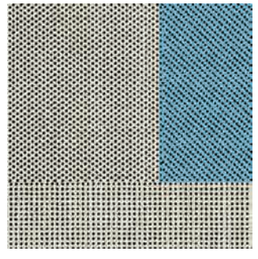
ACCENT EXAMPLES Zones

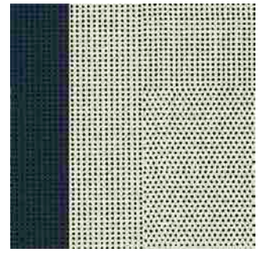

REGZ231-119-219
BREAK-LINE WITH SUN


REGZ25 -119-219
BREAK-LINE WITH TANGERINE


REGZ109-119-219
BREAK-LINE WITH SCARLET


REGZ202-119-219
BREAK-LINE WITH PARROT


REGZ140-119-219
BREAK-LINE WITH AZUL


REGZ19-119-219
BREAK-LINE WITH NAVY

It takes humans to protect humanity.

Make changes to end climate change.
Design a better future.

M/PACT™
CARBON NEUTRAL PROGRAM

CLIMATE CHANGE IS ONE OF THE GREATEST THREATS FACING HUMANITY, AND WE ARE ALL RESPONSIBLE.

That's why Milliken Floor Covering launched the **M/PACT™** carbon neutral program. Today, our carpet, LVT and entrance flooring tiles are carbon neutral everywhere in the world.

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

SCAN TO LEARN MORE ABOUT
OUR CARBON NEUTRAL PROGRAM
M/PACT™

M/PACT™

CARBON NEUTRAL PROGRAM

Investment

Today we invest through renewable energy credits, verified carbon offsets, and installing solar power at our Sydney manufacturing facility. We also continue to invest in more efficient manufacturing technologies and in local supply chains.

Materials

We believe material health is essential to enable circularity. The use of materials that don't contain harmful chemicals provides a critical pathway to end-of-life product recycling. Our carpet, LVT and entrance flooring tiles are recyclable.

Dematerialisation

We continue to support the advancement of a circular economy – one that uses less new raw materials and creates less waste. For example, we have created a portfolio of carpet tiles that use less raw material, reducing embodied carbon. We will continue to challenge ourselves and our supply chains to extend innovation in new technologies for dematerialisation.

Manufacturing

We leverage our global manufacturing and local supply chains to minimise carbon emissions. More efficient manufacturing and distribution not only reduces our global carbon footprint, it also has a direct positive impact on the communities we call home.

Wellness

Climate change directly impacts human health and wellness. Pollution. Natural disasters. Droughts. As a founding member of the Well Living Lab and a Well Portfolio Member, we aspire to design products that enhance well-being and quality of life of indoor spaces.

We will continue to do more to lower our carbon footprint.

The M/PACT™ program is long-term, because the fight to stop climate change will be a long one. As a global manufacturing company, we set 2025 goals that align with the United Nations Sustainable Development Goals. We push ourselves to meet our targets on Planet, Product, and People, including a 25% reduction in indexed greenhouse emissions by 2025. These 2025 goals are a benchmark for us to achieve more, faster. We encourage you to specify our carbon neutral products for all of your projects to ensure the climate change journey continues.

Together, we can make a positive **M/PACT™** on the world for generations.

* As calculated and verified scope A1-3 GWP through a ISO14025/ ISO14040 compliant LCA and published in third party EPDs.

Milliken™

Self-sanitising Carpet

Integrated Infection Control

ANTIVIRAL
MGUARD+
ANTIBACTERIAL

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. Red List Free HEAVY METAL FREE

WellBAC®

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

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

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

Industry leading moisture management with non-reactive backings to enhance the installation process.

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

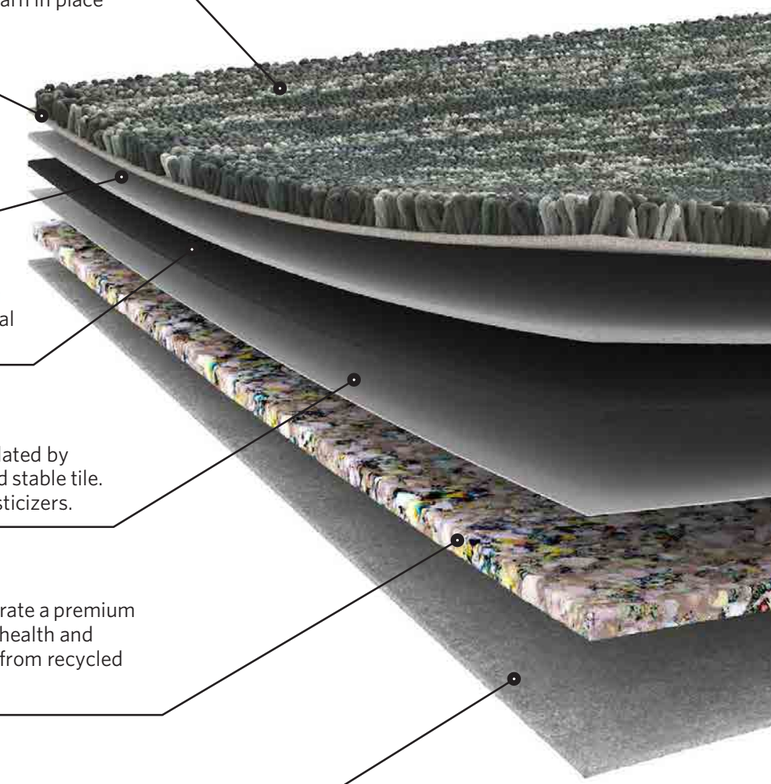
Enhanced Indoor Air Quality (Low VOC) for improved occupant and installer well-being.

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.

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.

Milliken

Map Out Your Own Customised Space

SOUTH ZONE

LAB

play pod

QUIET ISLAND ...

100

200

300

Explorer, Relief, Navigator and Regions in Border and Custom | Monolithic Installation

Connect Head Office, Eight Mile Plains, Queensland | Bear Space
Photographer: Grace Ko and Julia Tamatea
Explorer in Break-Line | EXP119-219 | Monolithic Installation

TOPOGRAPHY 2.0

Explorer | Relief | Navigator | Regions

SPECIFICATION

M/PACT™ CARBON NEUTRAL PROGRAM

When you choose M/PACT™ products, you can be sure your choice is carbon neutral. M/PACT™ carbon neutral products offset the raw materials and manufacturing carbon footprint* by using 3rd party Verified 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.**

Standard Backing	Cushion Backing WellBAC® Comfort (PVC FREE) (Non-Reactive Cushion Backing)
Acoustic Value	Noise Reduction Coefficient – NRC ≥ 0.25 Impact Sound Pressure Level - Ln,w ≤ 47dB
Concrete Slab Moisture Mitigation	Site-Related Solutions (SRS). Milliken Cushion backed tile + Non-Reactive Standard adhesive means installation 60 days after a new concrete pour, fully warranted no moisture testing required. Refer millikenfloors.com.au
Antiviral | Antibacterial	MGUARD+ Antiviral and Antibacterial Treatment. Further information refer to millikenfloors.com.au

Construction	Tufted, Textured Loop	Lightfastness (AATCC 16E)	≥ 4.0 at 80 Hours
Tile Size	50cm x 50cm	Static Electricity (AATCC-134) 20% R.H., 70°F	≤ 3.5KV
Yarn Type	Milliken Certified 100% Nylon	Indoor Air Quality CRI Green Label Plus™	≤ 0.5mg/m³ (GLP0793)
Stain Resist | Soil Release	StainSmart®	VOC	Pass (ISO 10580:2010)
Dye Method	PrintWorks™	ACCS Grading	CMD 2*, REHD1 5*, Suitable for Stairs
Gauge	1/10	Environmental	ECS Grading - Level 4 (Certificate No. 20145) Declare – 3rd Party Verified RED LIST FREE Cradle to Cradle – Silver Carbon Neutral Environmental Product Declaration (EPD) Health Product Declaration (HPD)
Stitches Per Inch	14.4		
Tufts	144/in² (2,230/100cm)		
Recyclable	100%		
Nominal Total Thickness	8.4mm		
Nominal Total Weight	90.3 oz/yd² (3,062g/m)		
Nominal Pile Thickness	2.8mm		
Flammability (Radiant Panel Test)	CHF/CRF = 6.3kW/m², Smoke value = 136%.min		

Recommended Installation Method(s)	Monolithic
Recommended Area of Use	Commercial Extra Heavy Duty
Warranties	15-year Wear Warranty 15-year Dimensional Stability Warranty 15-year Anti-Static Warranty 15-year Castor Chair Wear Warranty

CRI GREEN LABEL +PLUS carpet-rug.org

WELL LIVING LAB Alliance Founding Member

Declare.

CERTIFIED cradle to cradle SILVER

UL CERTIFIED ENVIRONMENTAL PRODUCT DECLARATION UL.COM/EPD

ENVIRONMENTALLY CERTIFIED ECS LEVEL 4 CERTIFICATION

hpd

Australia:
Toll Free: 1800 668 372

New Zealand:
Toll Free: 0800 668 372

www.millikenfloors.com.au
(Australia & New Zealand)

This WellBAC® cushion-back carpet tile product is covered by one or more patents, published applications and/ or patents pending. Specifications are subject to normal manufacturing tolerances and may be changed without prior notice. Copies of actual test results are available upon request.

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