



"My art bonds me to the land and my environment. Everything I do is influenced by nature and where I am in that moment in time." Helena Geiger

and the second





## Sandhills

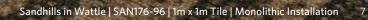
The Sandhills Collection portrays the mesmerising journey through country by Indigenous textile artist Helena Geiger, expressing her deeply intertwined spiritual relationship and connection to the natural environment.

Sandhills evokes the raw beauty and ethereal energy of the landscape that Helena experienced during her journey through Central Australia, articulating her impressions and memories of the land and visualised in the traditional textile techniques of Batik.

Sandhills expresses the silent wonderment of our unique and ancient outback landscape, its flowing grassy plains, and formidable mountains, piercing rocky formations, and the deeply intense colours of the red sand dunes, golden and green rainforests, and bushlands.

Helena's sensory journey has been authentically translated into designs and colourways that merge our internal spaces and the natural environment in the form of a commercial carpet collection perfect for use in all market segments.













## Helena Geiger Textile Artist

Helena Geiger was born in Waterloo, Inner Sydney into an Indigenous culture from her mother's side who is Gumbaynggirr from the New South Wales Mid-North Coast. Helena is a contemporary textile artist, specialising in Batik and Shibori hand-dyed textiles, and has exhibited her artwork collections throughout Australia and abroad.

The Sandhills Collection has been created through the meaningful partnership between Helena and Milliken, culminating in an authentic interpretation of her textile designs into a commercial floor covering collection, that includes six distinctive designs in six natural colour palettes.

For over 20 years, Helena's work in the furnishing, textile, and fabric printing industry inspired her to expand into printed textiles. It was here that she discovered that textiles celebrating the Australian landscape were not widely available. As a result, Helena began her journey into creating textiles inspired by the dynamic environment in which she lives, whilst also acknowledging the respect and responsibility for the land we live on.

The Sandhills Collection is a memoir of Helena's journey throughout Central Australia. Her designs evoke the diverse and dynamic landscape created from her recollections of the intertwined layers of natural formations and colours. These designs are a representation of the heartbeat of the natural Australian landscape – the land, hills, and rocky chasms, as well as waterways, bushlands, and rainforests.

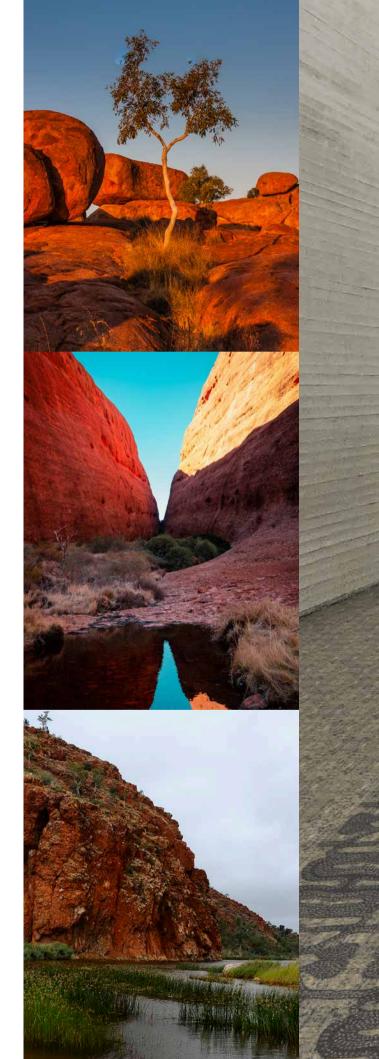
Helena's memories and experiences inspire her work in Batik and Shibori, an evolving art practice deeply rooted in ancient techniques, successful in building layers of detail and texture. "What I love about the Batik process is that every step informs the next. It develops and changes direction with every colour and layer of wax that is applied".

Each Batik textile produced, is unique, cannot be duplicated and is a perfect medium to capture the essence of textures and details found in the organic environment. The natural dyes traditionally used in Batik textiles, mimic the essence of colours occurring in nature. Helena's expressive artistic character gives a voice to her understanding of the diverse Australian landscape.

Helena works full-time from her studio in the tranquil setting of the New South Wales South Coast. With national parkland on her doorstep, Helena immerses herself in this pristine environment, recording the textures and markings of her surroundings, photographing and sketching patterns found on scribbly bark, weathered sandstone, ochre, rocks, moss, seaweed, and shells.

Helena Geiger's art is a symbiotic expression of her experience with her environment.





## Sandhills

Sandhills is the embodiment of Helena Geiger's symbiotic relationship to her surroundings and is an immersion of her experience and connection in the natural world and artistic expression.

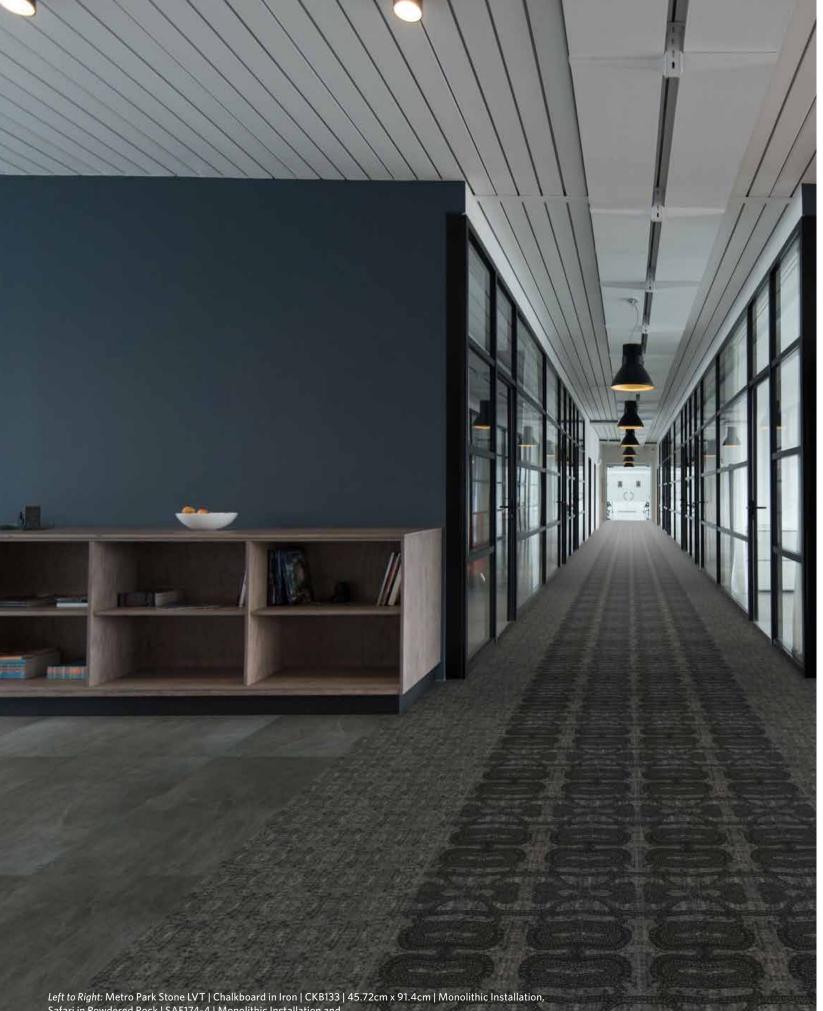
Evoking the landscape of the Australian desert, Sandhills translates the movement of undulating hills and ravines, ancient rocky chasms and desert sand through texture and depth. These ethereal forms reflect the harmonious connection of the landscape, which flows endlessly back and forth celebrating the mystical experience and its ever-changing elements.

These panoramic landscapes are embedded with trees, tufts of grass and spinifex which are transcribed by Helena through an intricate network of dots across the design. Sandhill's layered patterns and crackle effects are an authentic representation of the original Batik textile, which commemorate and celebrate the depth and diversity of the landscape through which Helena travelled.

> Its organic and earthy patterns create a bold floorscape into interior spaces blending the line between our natural and built environments. Sandhills sits boldly in a space, unexpected and dramatic, honouring both the raw and delicate beauty of our desert landscapes.

Left to Right: Safari in Paper Bark | SAF212-207 | Monolithic Installation Sandhills in Paper Bark | SAH212-207 | 50cm x 50cm Tile | Monolithic Installation







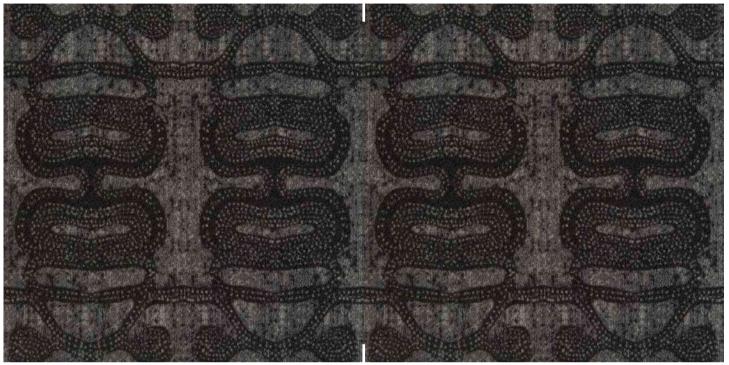
Sandhills in Spinifex | SAH62-5 | 50cm x 50cm Tile | Monolithic Installation

Left to Right: Metro Park Stone LVT | Chalkboard in Iron | CKB133 | 45.72cm x 91.4cm | Monolithic Installation, Safari in Powdered Rock | SAF174-4 | Monolithic Installation and 14 Sandhills in Powdered Rock | SAH174-4 | 50cm x 50cm Tile | Monolithic Installation



## Sandhills

1 TILE PATTERN | 2 TILES SHOWN | AVAILABLE IN 50CM X 50CM AND 1M X 1 M TILE



SAH174-4 | POWDERED ROCK (50CM X 50CM TILE) SAN174-4 | POWDERED ROCK (1M X 1M TILE)





SAH212-207 | PAPER BARK (50CM X 50CM TILE)

SAN70-82 | LILLY PILLY (1M X 1M TILE)

SAH70-82 | LILLY PILLY

(50CM X 50CM TILE)

SAN212-207 | PAPER BARK (1M X 1M TILE)

SAN176-96 | WATTLE (1M X 1M TILE)

## **COORDINATE DESIGNS & COLOURWAYS**

METRO PARK STONE

COMFORTABLE AMPLIFIER CONCRETE

KARONA 3



CKB133 IRON

LDB119-174 CAST

ECH119-154 FUSION

ECL174-27 ROGUE

#### MODULAR TILE



SAH176-96 | WATTLE (50CM X 50CM TILE)



SAH33-10 | RED EARTH (50CM X 50CM TILE)

SAN33-10 | RED EARTH (1M X 1M TILE)



SAH62-5 | SPINIFEX (50CM X 50CM TILE)

SAN62-5 | SPINIFEX (1M X 1M TILE)



#### SANDHILLS



SAF174-4 POWDERED ROCK



PAS62-5 SPINIFEX



The mesmerising Safari design reveals the granular, unrestrained and fragmented composition of sand, unearthing an intricate symmetrical pattern symbolic of the vast expanses of desert terrain.

The refined balance created between the layers of Safari embody the natural harmony of the desert landscape and its timeless space and ethereal beauty.

The delicate nature of Safari and its subtle geometric composition provides a confident certainty to any space and thoroughfare through its seamless dimensional quality.

Safari captures the right balance of elegance and simplicity that will combine effortlessly with other statement collections.



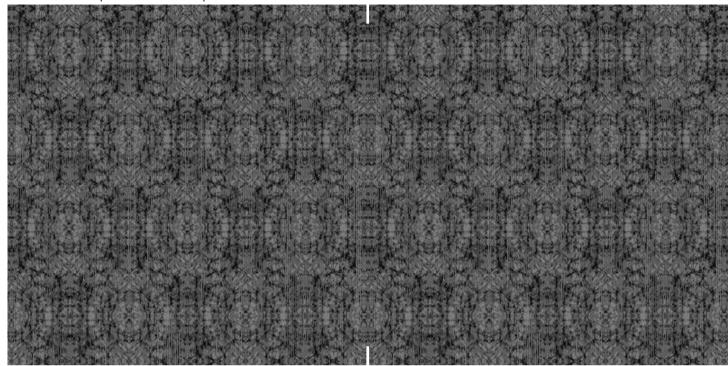






## Safari

1 TILE PATTERN | 2 TILES SHOWN | 50CM X 50CM TILE



SAF174-4 | POWDERED ROCK





SAF212-207 PAPER BARK

SAF176-96 WATTLE

## COORDINATE DESIGNS & COLOURWAYS





ARCTIC SURVEY



RIP27-79 OSCILLATION

CCM48

#### MODULAR TILE





SAF33-10 RED EARTH



SAF62-5 SPINIFEX





TENSION

#### METRO PARK STONE



SLA209 MICA

#### MIXED FORMATIONS STONE



OPF234-208 IVORY



## Passage

The sinuous, surging forms of Passage symbolise the eternal and fluid movement of the natural forms of the desert and create glimpses into another dimension of Helena's experience of the Australian landscape.

A dynamic background of crackled linework expresses the depth and textures of chasms and rock faces, with intricate dot patterns giving animation to grassy tufts, spinifex and shrubs that are embedded in the environment.

Passage is a unique and authentic representation of Helena's textiles celebrating the fusion of craft techniques and the visual elements of the landscape.

Dramatic, multidimensional, versatile and uncompromising, the intrepid Passage can adorn large spaces alone or with complementary Milliken floor coverings without losing its integrity in any combination.





Passage in Wattle | PAS176-96 | 25cm x 1m Plank | Ashlar (Vertical) Installation

Left: Passage in Spinifex | PAS62-5 | 25cm x 1m Plank | Herringbone Installation Right: Karona 3 | Eclipse in Solar | ECL133 | Quarter-Turn Installation

1200



## Passage

4 PLANK PATTERN | 8 PLANKS SHOWN | 25CM X 1M PLANK | ALSO AVAILABLE IN 1M X 1M TILE

MODULAR PLANK



PAS174-4 | POWDERED ROCK



PAS70-82 LILLY PILLY



PAS212-207 PAPER BARK





PAS33-10 RED EARTH



PAS62-5 SPINIFEX

## COORDINATE DESIGNS & COLOURWAYS

DUST

COMFORTABLE



SOLAR



CMA21 BUFF

BEYOND

BEH21-121 GROVE

METRO PARK

WOOD



SANDHILLS

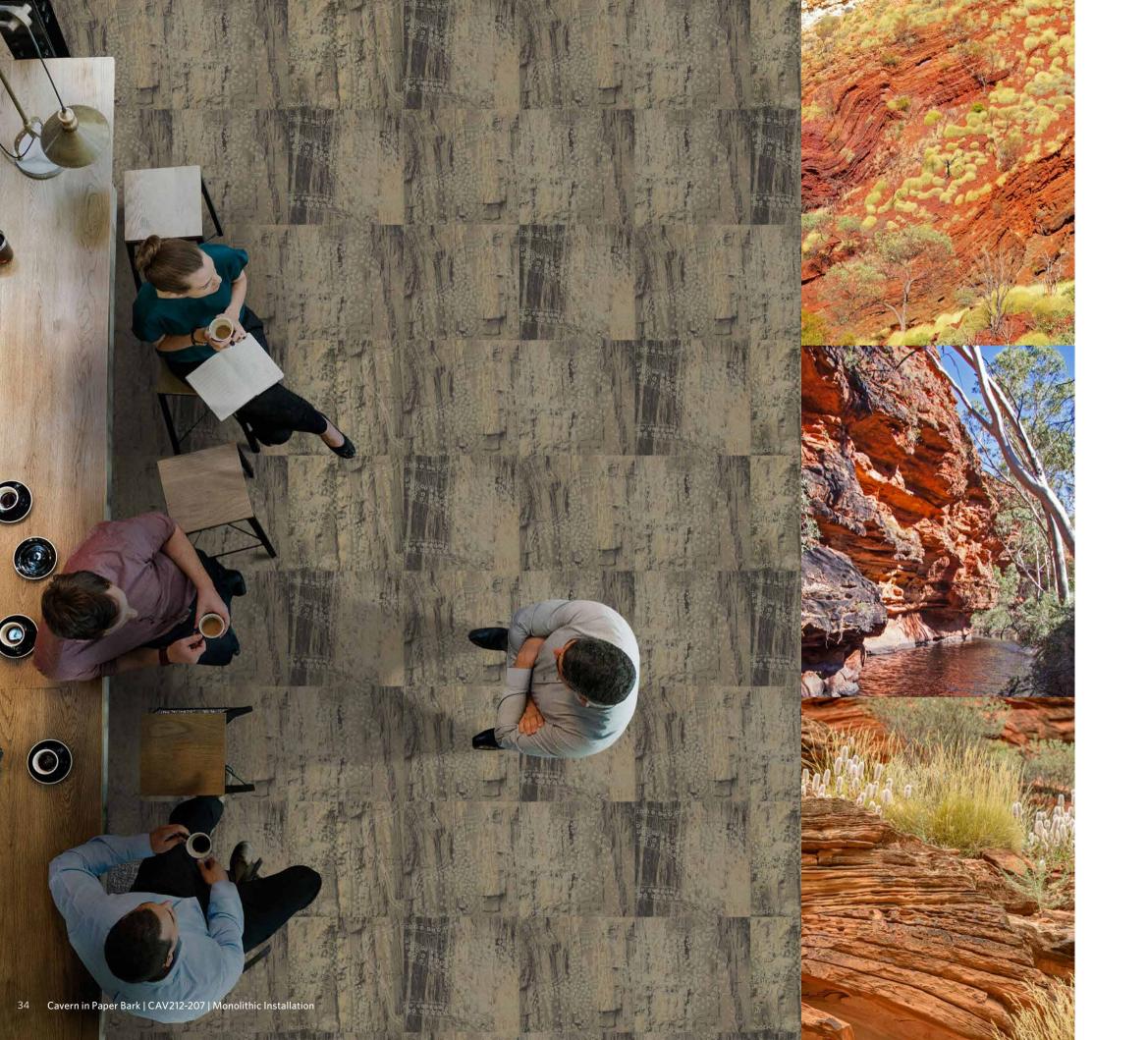


SANDHILLS

RNF212-207 PAPER BARK



Passage in Lilly Pilly | PAS70-82 | 1m x 1m Tile | Monolithic Installation 33

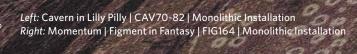


Cavern is emblematic of the dramatic chasms that split the weathered rocky faces of the desert, unearthing plummeting cracks deep into the landscape.

The raw rock forms are overlayed with free flowing dotted linework, creating evocative forms that mirror the shrubs and grasses that grow within the crevices of the rock face. These contrasting elements reflect the harmonious co-existence of opposing forces in the natural world.

The bold and elongated features of Cavern are fused with organic and unconstrained elements bringing the sublime sense of rhythm and solidity to your interior space.

## Cavern



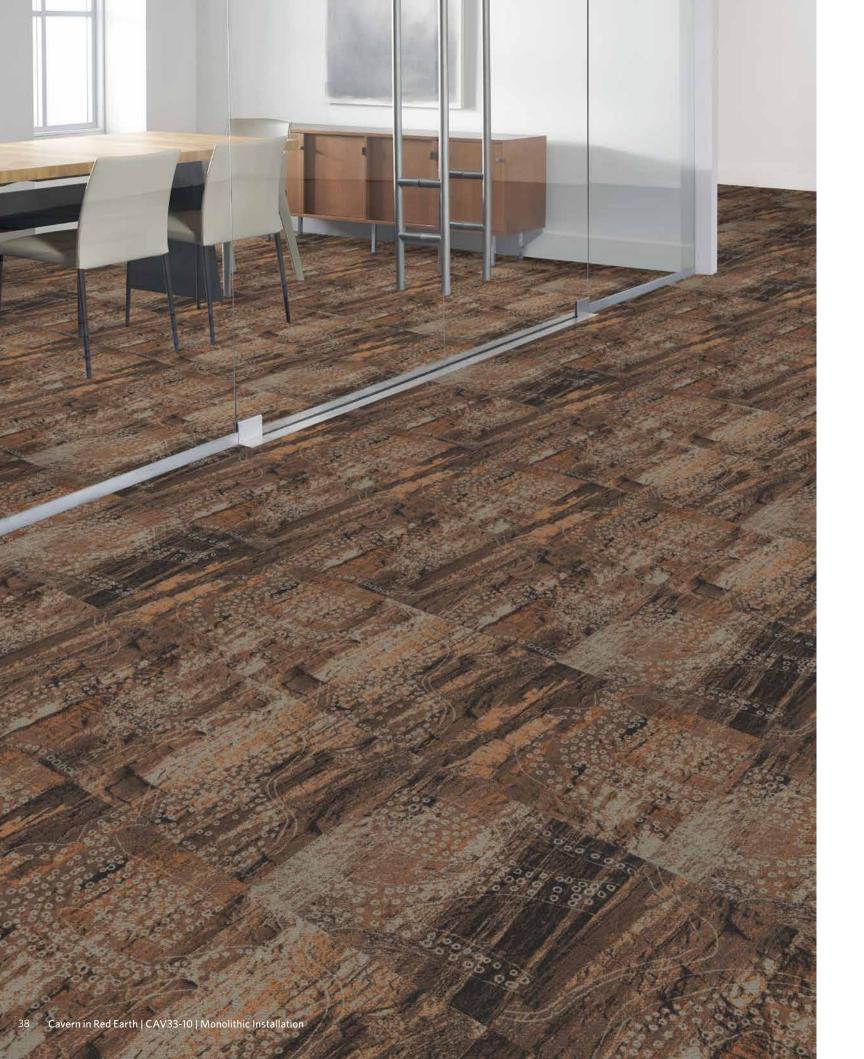
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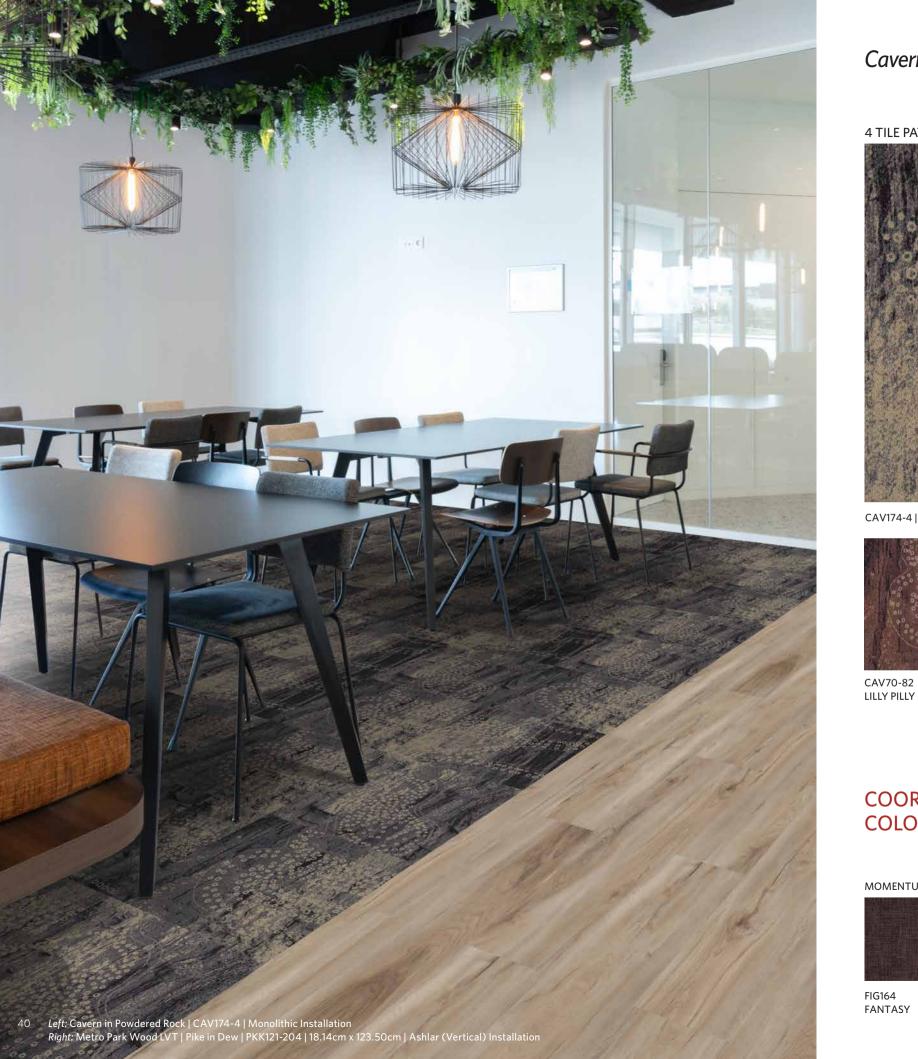
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Cavern in Spinifex | CAV62-5 | Monolithic Installation



## Cavern

4 TILE PATTERN | 2 TILES SHOWN | 50CM X 50CM TILE



CAV174-4 | POWDERED ROCK





CAV212-207 PAPER BARK

CAV176-96 WATTLE

## COORDINATE DESIGNS & COLOURWAYS

MOMENTUM

COMFORTABLE CONCRETE

DANXIA



LNX17

COLOUR

CONNECT

CINNAMON

SUGAR

FIG164 FANTASY UDR133-13-263 SLATE BLUSH

#### MODULAR TILE





CAV33-10 RED EARTH



CAV62-5 SPINIFEX





PLA146-135-119 QUARTZ

#### METRO PARK STONE



PLC144 SCORING

METRO PARK WOOD



PKK121-204 DEW

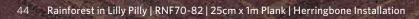
## Rainforest

Golden streams of sunlight cast lineal forms along the pathway, which become dappled by leafy shadows, drifting you through a dream-like landscape which is fluid and ever-changing.

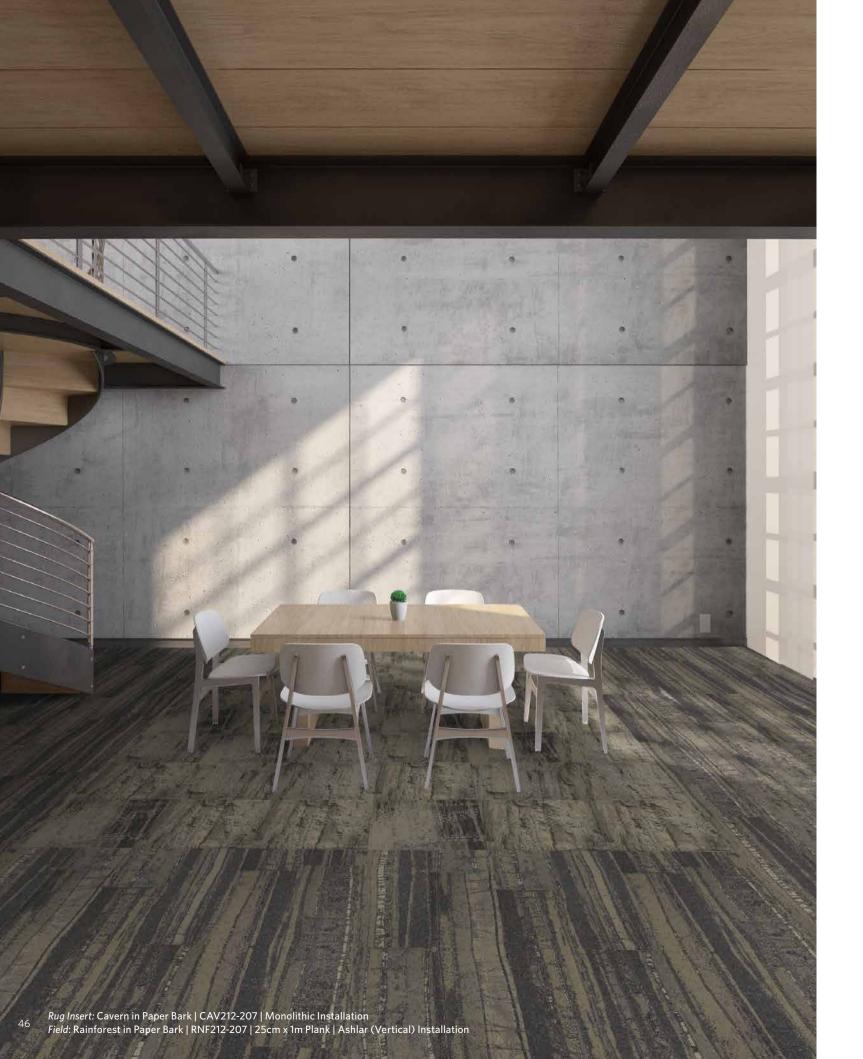
The Rainforest design epitomises the natural bush environment and the juxtaposition of light and dark forms as the sunlight penetrates through the trees. It represents the light tones of the gum trees and the darker tones of shadows as they appear on the bark of majestic tree trunks, with subtle depths of scribbly bark that texturises the design.

Rainforest's essence creates a sense of movement and directional quality, visually elongating and drawing you through a journey within your interior spaces. The versatility of Rainforest's fluid lineal forms can be transformed into a dramatic pattern-scape for a bold and unexpected feature in your favourite spaces.









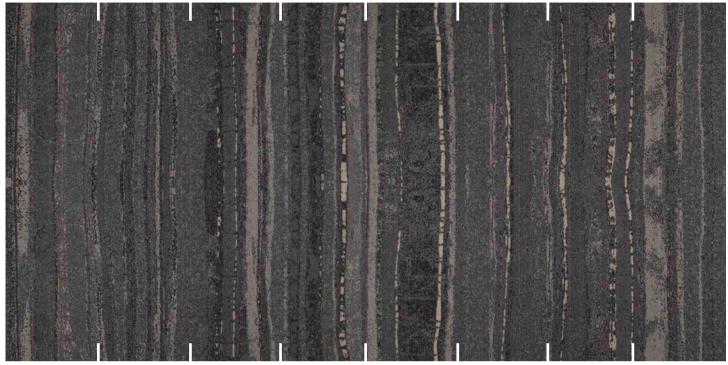


Rainforest in Spinifex | RNF62-5 | 25cm x 1m Plank | Ashlar (Vertical) Installation



## Rainforest

16 PLANK PATTERN | 8 PLANKS SHOWN | 25CM X 1M PLANK | ALSO AVAILABLE IN 1M X 1M TILE



RNF174-4 | POWDERED ROCK





RNF70-82 LILLY PILLY

RNF212-207 PAPER BARK

RNF176-96 WATTLE

## COORDINATE DESIGNS & COLOURWAYS





COLOUR CONNECT



SKO118

ASH CLOUD

BTS119-154 FUSION

UDR133-13-207 SLATE GRAY

LNX21

#### MODULAR PLANK





RNF33-10 **RED EARTH** 



RNF62-5 SPINIFEX





LINEN WEAVE





FIG13 JET





CRF154-133-215 OYSTER





Bush Seed celebrates the ever-changing movement of the landscape as it interacts with the seasons. This design is a concentration of irregular and random fine dot patterns, captured from the Sandhills design, unveiling the reflection of organic and free flowing pathways that appear in the landscape.

Multidimensional and delightfully unexpected in its arrangement, Bush Seed represents a combination of speckled impressions made by water droplets, the markings made as animals dance across hot desert sand, and seedpods scattered over the earth.

The asymmetrical circles reflect the subtle imagery of footprints created in the natural landscape and mimic the organic and morphing forms created when canting wax on Batik textiles. Like the expanses of the desert landscape, Bush Seed provides the ground plane to anchor a variety of interior design elements whilst remaining mysterious and captivating through its detailed arrangement.

Bush Seed in Spinifex | BSE62-5 | Monolithic Installation 51





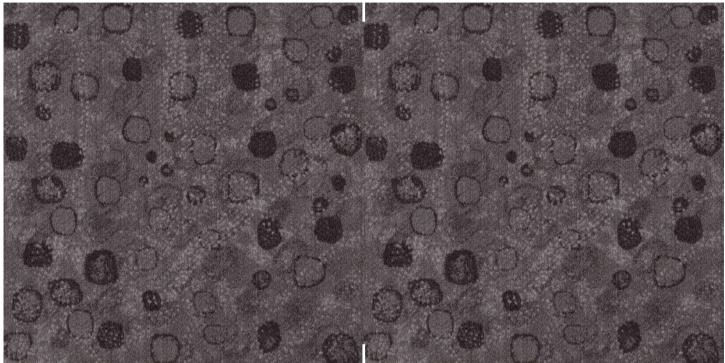
*Circular Insert:* Bush Seed in Red Earth | BSE33-10 | Monolithic Installation *Field:* Beyond Chroma in Sand | CMA14 | Monolithic Installation



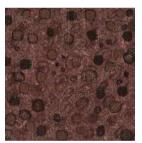


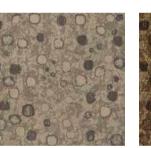
## Bush Seed

6 TILE PATTERN | 2 TILES SHOWN | 50CM X 50CM TILE



BSE174-4 | POWDERED ROCK





BSE70-82 LILLY PILLY

BSE176-96 WATTLE

## COORDINATE DESIGNS & COLOURWAYS



DISRUPT

METRO PARK STONE

METRO PARK





POLISH

BSE212-207 PAPER BARK

SHN145 MOOSE

WOOD



#### MODULAR TILE





BSE33-10 RED EARTH



BSE62-5 SPINIFEX



SPIRITLAND





IGD120-178 ORES



BEYOND



CMA14 SAND



## SANDHILLS

#### 1 TILE PATTERN | 1 TILE SHOWN | 1M X 1M TILE



SAN174-4 POWDERED ROCK



SAN212-207 PAPER BARK



SAN176-96 WATTLE



SAN70-82 LILLY PILLY



SAN33-10 RED EARTH



SAN62-5 SPINIFEX



Sandhills in Spinifex | SAN62-5 | 1m x 1m Tile | Monolithic Installation 61

1982

100

## CAVERN

#### 4 TILE PATTERN | 1 TILE SHOWN | 50CM X 50CM TILE



CAV174-4 POWDERED ROCK



CAV70-82 LILLY PILLY



CAV176-96 WATTLE



CAV62-5 SPINIFEX



SANDHILLS

SAH174-4 POWDERED ROCK





SAH212-207 PAPER BARK

SAH33-10 RED EARTH

## SAFARI

#### 1 TILE PATTERN | 1 TILE SHOWN | 50CM X 50CM TILE



SAF174-4 POWDERED ROCK





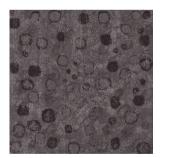
SAF212-207 PAPER BARK





CAV212-207 PAPER BARK

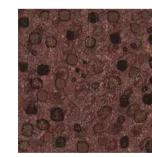
6 TILE PATTERN | 1 TILE SHOWN | 50CM X 50CM TILE



BSE174-4 POWDERED ROCK



BSE212-207 PAPER BARK



BSE70-82 LILLY PILLY

CAV33-10 RED EARTH



BSE33-10 RED EARTH



WATTLE



BSE62-5 SPINIFEX









## 1 TILE PATTERN | 1 TILE SHOWN | 50CM X 50CM TILE



SAH70-82 LILLY PILLY



SAH176-96 WATTLE



SAH62-5 SPINIFEX



SAF70-82 LILLY PILLY

SAF33-10 RED EARTH



SAF176-96 WATTLE



SAF62-5 SPINIFEX

## RAINFOREST

16 PLANK PATTERN | 1 PLANK SHOWN | 25CM X 1M PLANK ALSO AVAILABLE IN 1M X 1M TILE





RNF70-82 LILLY PILLY



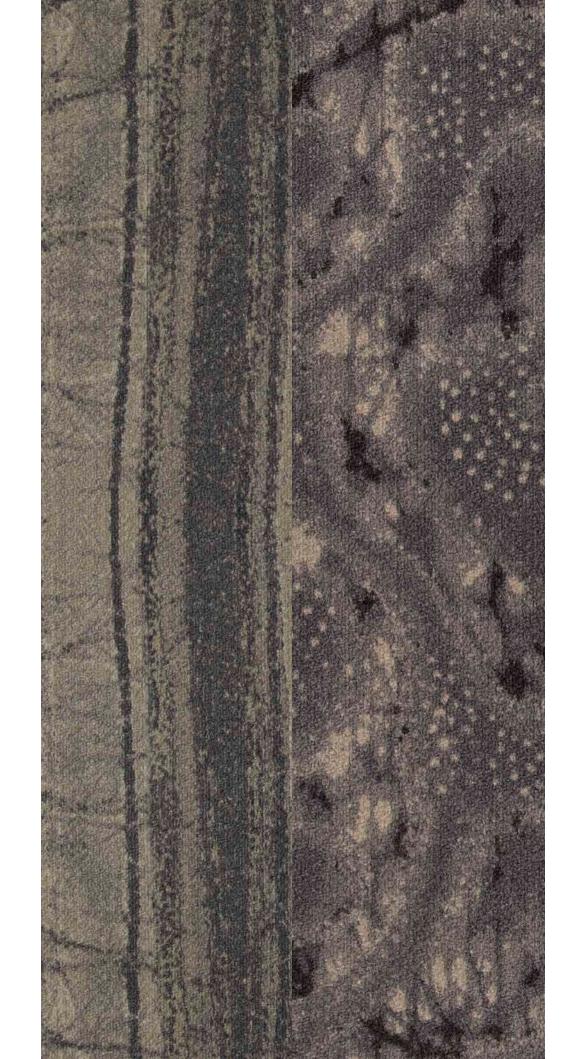
RNF212-207 PAPER BARK



RNF33-10 RED EARTH



RNF62-5 SPINIFEX



## PASSAGE

#### 4 PLANK PATTERN | 1 PLANK SHOWN | 25CM X 1M PLANK ALSO AVAILABLE IN 1M X 1M



PAS174-4 POWDERED ROCK



PAS70-82 LILLY PILLY



PAS176-96 WATTLE



PAS212-207 PAPER BARK



PAS33-10 RED EARTH



PAS62-5 SPINIFEX

# It takes humans to protect humanity.

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



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That's why Milliken Floor Covering launched the **M/PACT**<sup>™</sup> 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 / P A C T** 



## **M/PACT**<sup>TM</sup> 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<sup>™</sup> 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  $\mathbf{M}/\mathbf{PACT}^{\mathsf{TM}}$  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

Se Int

# 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<sup>®</sup>.

Only available in Australia and New Zealand.









# **WellBAC**<sup>®</sup>

Milliken WellBAC<sup>®</sup> 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.

#### INDOOR AIR QUALITY

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

#### 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<sup>™</sup> **Red-List Free products** for occupant and installer well-being.

### CIRCULARITY

100% Recyclable through the Milliken N/XT LIFE<sup>™</sup> 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

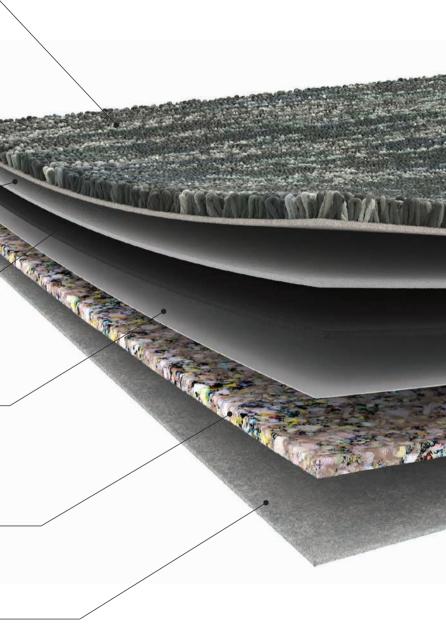
WellBAC<sup>®</sup> Comfort and Comfort Plus incorporate a premium cushion layer, designed to provide additional health and wellness benefits. Milliken's cushion is made from recycled polyurethane foam.

#### 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.

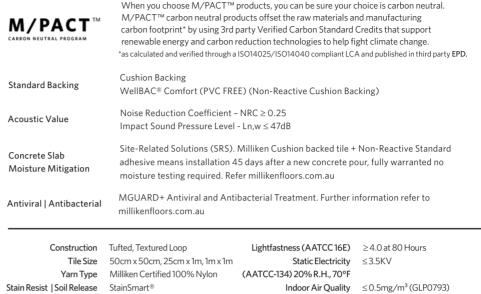




## SANDHILLS

## Sandhills | Safari | Passage | Cavern | Rainforest | Bush Seed

## SPECIFICATION



Yarn Type Stain Resist | Soil Release Dye Method Gauge Stitches Per Inch Tufts Recyclable Recycled Content by Total Weight Nominal Total Thickness Nominal Total Weight Nominal Pile Thickness Flammability (Radiant Panel Test)

ction	Tufted, Textured Loop	Lightfastness (AATCC 16E)	$\geq$ 4.0 at 80 Hours
Size	50cm x 50cm, 25cm x 1m, 1m x 1m	Static Electricity	≤3.5KV
Туре	Milliken Certified 100% Nylon	(AATCC-134) 20% R.H., 70°F	
ease	StainSmart <sup>®</sup>	Indoor Air Quality	$\leq$ 0.5mg/m <sup>3</sup> (GLP0793)
thod	PrintWorks™	CRI Green Label Plus™	
auge	1/10	VOC	Pass (ISO 10580:2010)
Inch	14.4	ACCS Grading	CMD 2*, REHD1 5*,
Tufts	144/in² (2,230/100cm²)		Suitable for stairs
lable	100%	Environmental	ECS Grading - Level 4 + (Core +
nt by	45%		No Chemicals of Concern + EPD +
eight			Carbon Neutral)
ness	8.4mm		Declare – RED LIST FREE
eight	90.3 oz/yd² (3,062 g/m²)		Cradle to Cradle – Silver
ness	2.8mm		M/PACT ™ Carbon Neutral Program
	$CHF/CRF = 6.3 kW/m^2$		Environmental Product Declaration
bility	- / / /		(EPD)
Test)	Smoke value = 136%.min		Health Product Declaration (HPD)

The recognised Product Certification Initiatives in the Green Star rating tools that contribute to the responsible product value of Milliken carpet tiles are as listed. The Green Building Council of Australia recognises Responsible Products that may contribute to a Green Star rating through its Responsible Credits (rpv).

Recommended Installation Method(s)

Recommended Area of Use

Warranties

4. Science-Based Targets Initiative (SBTi) Sandhills, Cavern, Bush Seed, Safari (50cm x 50cm): Monolithic Passage, Rainforest (25cm x 1m): Ashlar (Vertical) | Herringbone Sandhills, Passage and Rainforest (1m x 1m Rug): Monolithic Commercial Extra Heavy Duty

Works With WELL

GBCA

Responsible Product Value

20-year Wear Warranty 20-year Dimensional Stability Warranty 20-year Anti-Static Warranty

1. ECS Carpet Standard v2.2

3. Declare 2.0 - Red List Free

2. Cradle to Cradle

20-year Castor Chair Wear Warranty



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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Milliken

Passage in Spinifex | PAS62-5 | 25cm x 1m Plank | Ashlar (Vertical) Installation