DANXIA

Milliken™



Danxia

Beautifying the built environment, the Danxia collection introduces the natural composite structures of the Danxia landform, a unique global geological phenomenon, to its aesthetics.

Composed of five distinctive designs layered with subtle geometric patterns, rhythmic tones and dense texture, the collection evokes calmness, serenity, and well-being by connecting workspaces with distinctive natural beauty, evoking a sense of adventure.



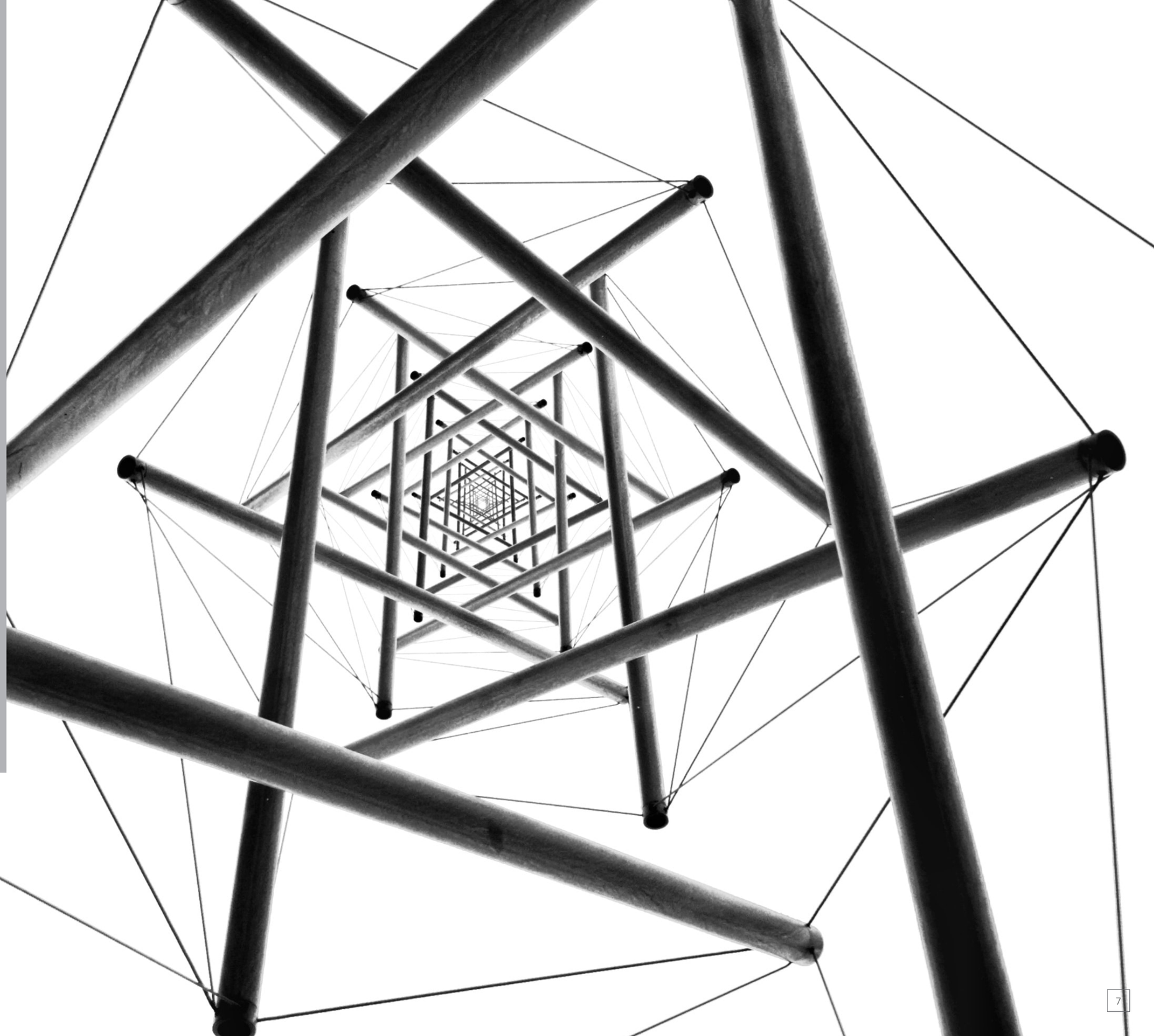
Top: Ridge in Opal | RID33-13-119 | Monolithic Installation
Bottom: Plateau in Opal | PLA120 | Monolithic Installation

Ridge in Opal | RID33-13-119 | Monolithic Installation

Top & Bottom: Ridge in Opal | RID33-13-119 | Monolithic Installation
Walkway: Plateau in Opal | PLA120 | Monolithic Installation

GORGE

Dynamic shifting of linear striations and layering forms the Gorge design with imposing folds of long and narrow lines that provides a mix of randomness to define spaces.





Gorge in Quartz | GOR119-143 | Monolithic Installation



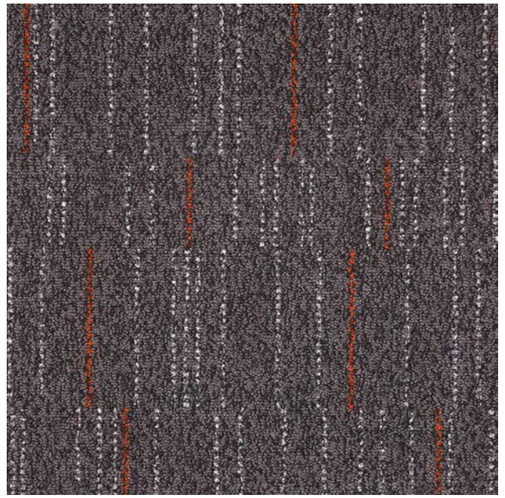
Walkway: Gorge in Azurite | GOR141-119 | Monolithic Installation
Circular Rug Insert: Plateau in Pyrite | PLA144-119 | Monolithic Installation



Field: Gorge in Opal | GOR120-33 | Brick (Horizontal) Installation
Border Insert: Mesa in Opal | MES119-122 | Brick (Horizontal) Installation

GORGE

SINGLE TILE: 50CM X 50CM
1 TILE PATTERN



GOR120-33
OPAL



GOR119-143
QUARTZ



GOR141-119
AZURITE



GOR144-119
PYRITE

MESA

Simulating weathering rock formations through background layering of speckled crisscross rhythm patterning, tone, and texture develops a mesh of abstract and expressive blends of outlines.

Field: Mesa in Pyrite | MES144-119 | Monolithic Installation
Circular Rug Insert: Ridge in Azurite | RID119-141 | Monolithic Installation



Field: Mesa in Azurite | MES141-119 | Monolithic Installation
Insert: Quiet Life LVT | Folkwood in Restore | FLW240| Herringbone Installation



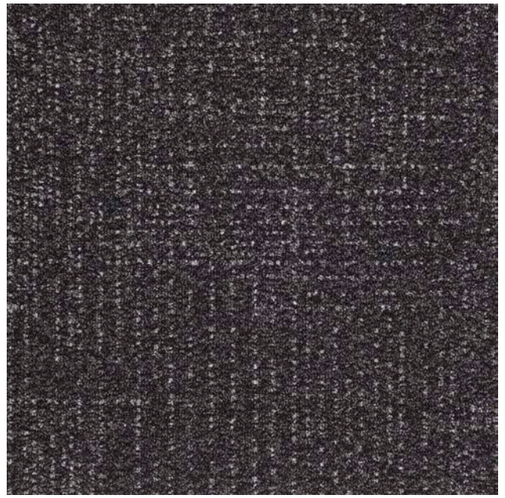
Mesa in Opal | MES119-122 | Random Installation



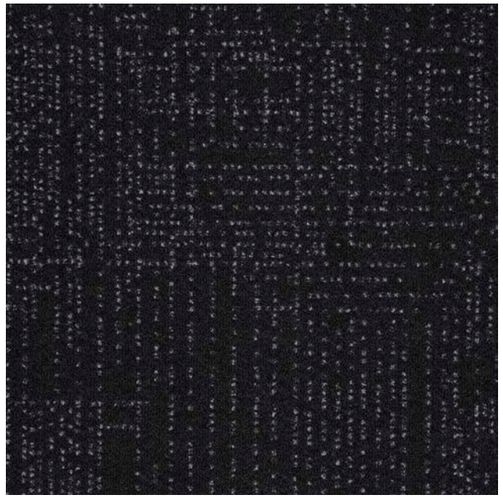
Field: Mesa in Pyrite | MES144-119 | Random Installation
Inserts: Summit in Zircon | SUM154-119-159 | Random Installation

MESA

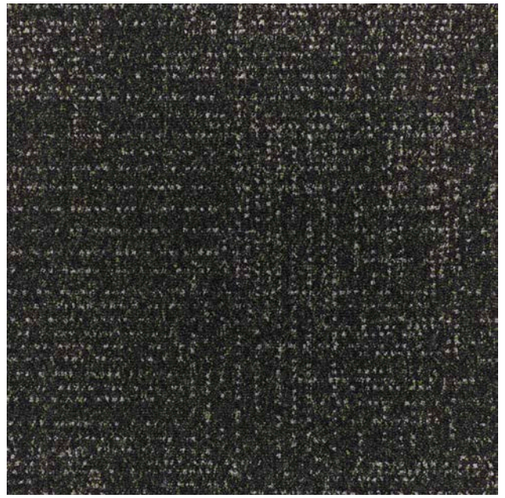
SINGLE TILE: 50CM X 50CM
1 TILE PATTERN



MES119-122
OPAL



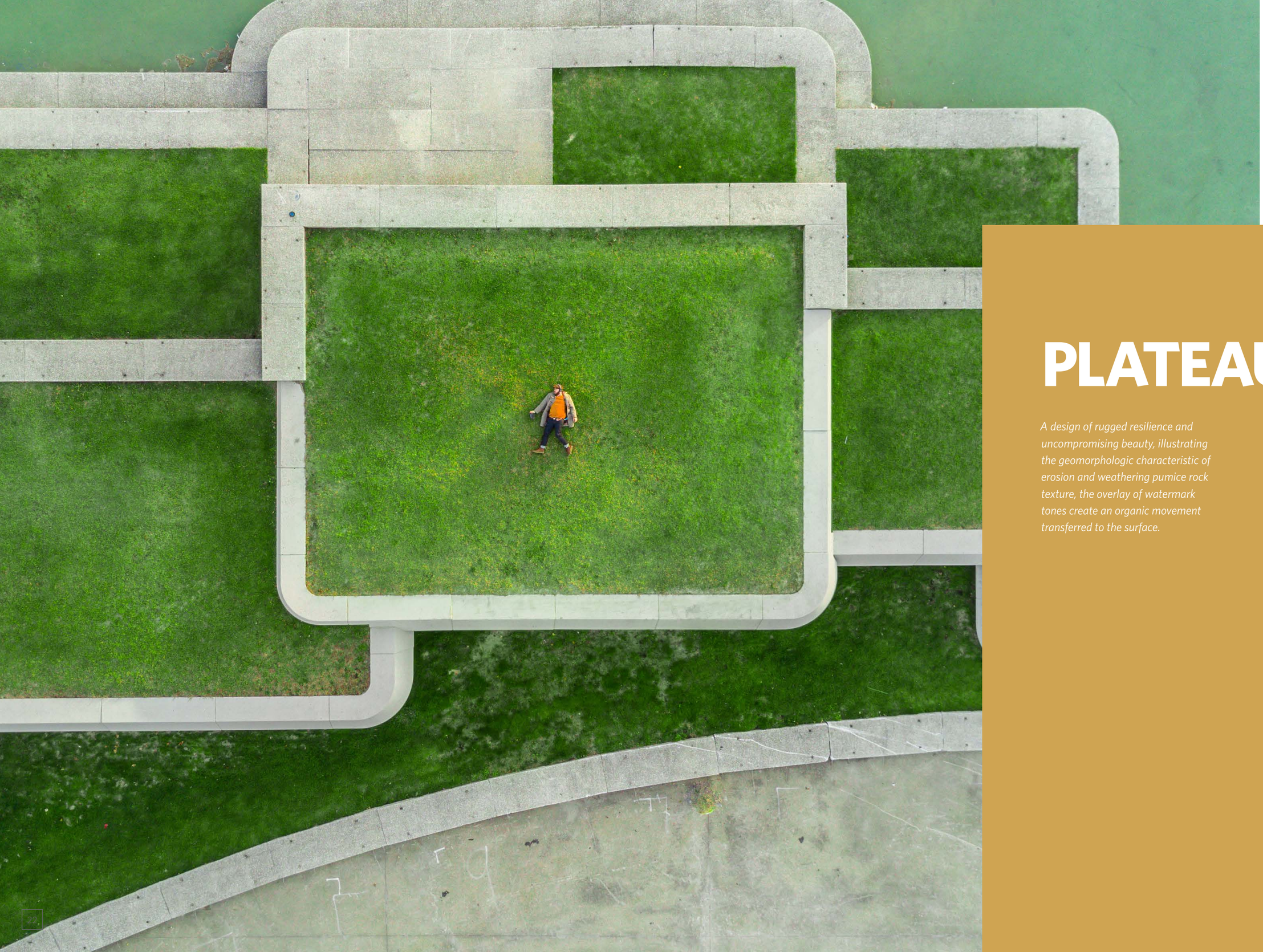
MES140-119
ONYX



MES141-119
AZURITE

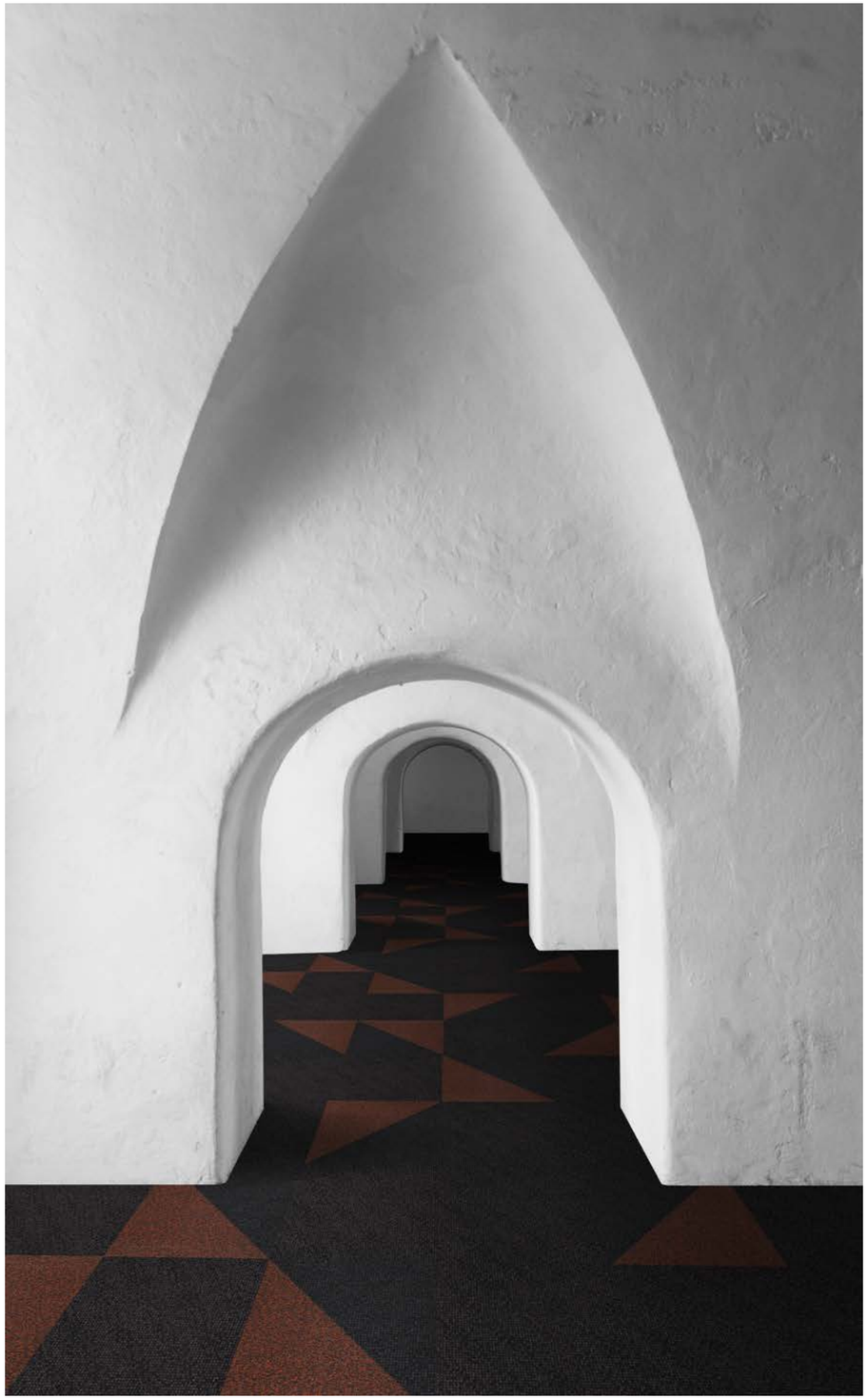


MES144-119
PYRITE



PLATEAU

A design of rugged resilience and uncompromising beauty, illustrating the geomorphologic characteristic of erosion and weathering pumice rock texture, the overlay of watermark tones create an organic movement transferred to the surface.



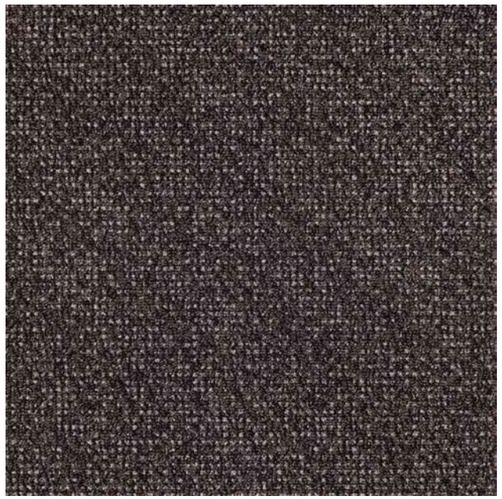
Field: Plateau in Gabbro | PLA20-119 | Monolithic Installation
Inserts: Summit in Opal | SUM154-119-33 | Random Installation

Plateau in Opal | PLA120 | Monolithic Installation

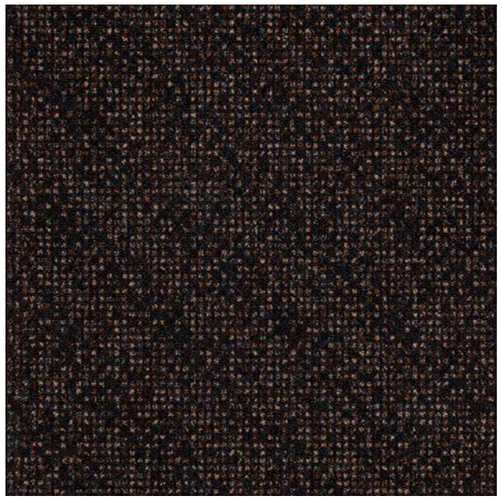
From Left to Right: Ridge in Quartz (RID137-13-119) and Plateau in Quartz (PLA146-135-119) | Monolithic Installation

PLATEAU

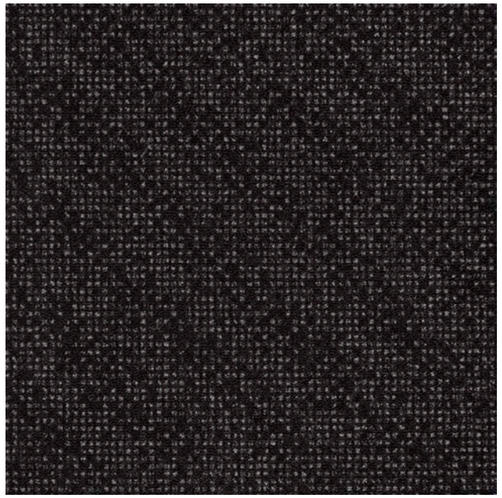
SINGLE TILE: 50CM X 50CM
1 TILE PATTERN



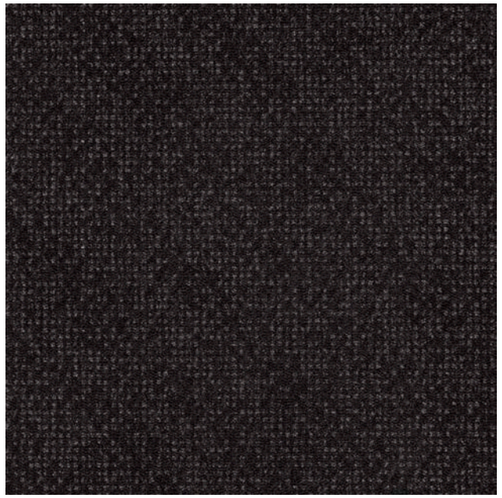
PLA120
OPAL



PLA146-135-119
QUARTZ



PLA144-119
PYRITE

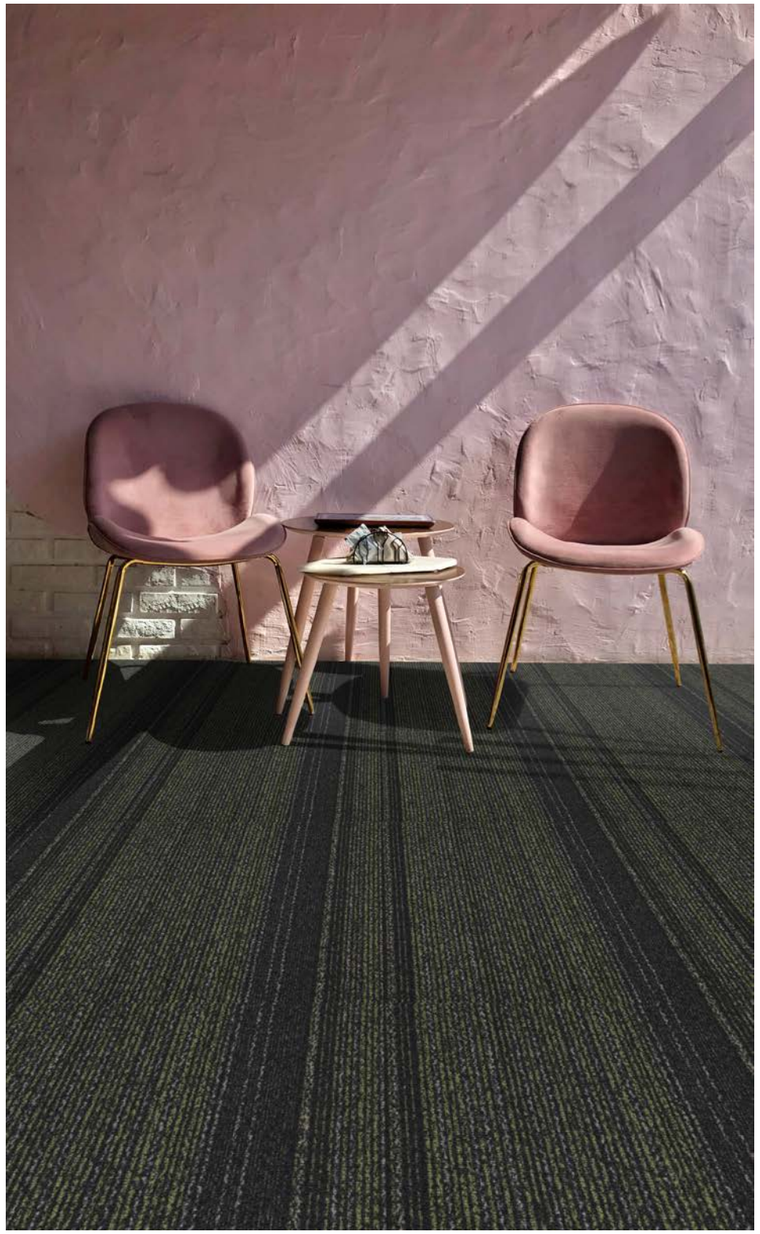


PLA20-119
GABBRO

Plateau in Pyrite (PLA144-119) and Gorge in Opal (GOR120-33) | Monolithic Installation

RIDGE

Elevated and undeviating patterning create dramatic natural pillars that tie seamlessly when combined for an energetic floorscape movement, with inclusion of accented warm hues reflecting the natural wonders of the landform.

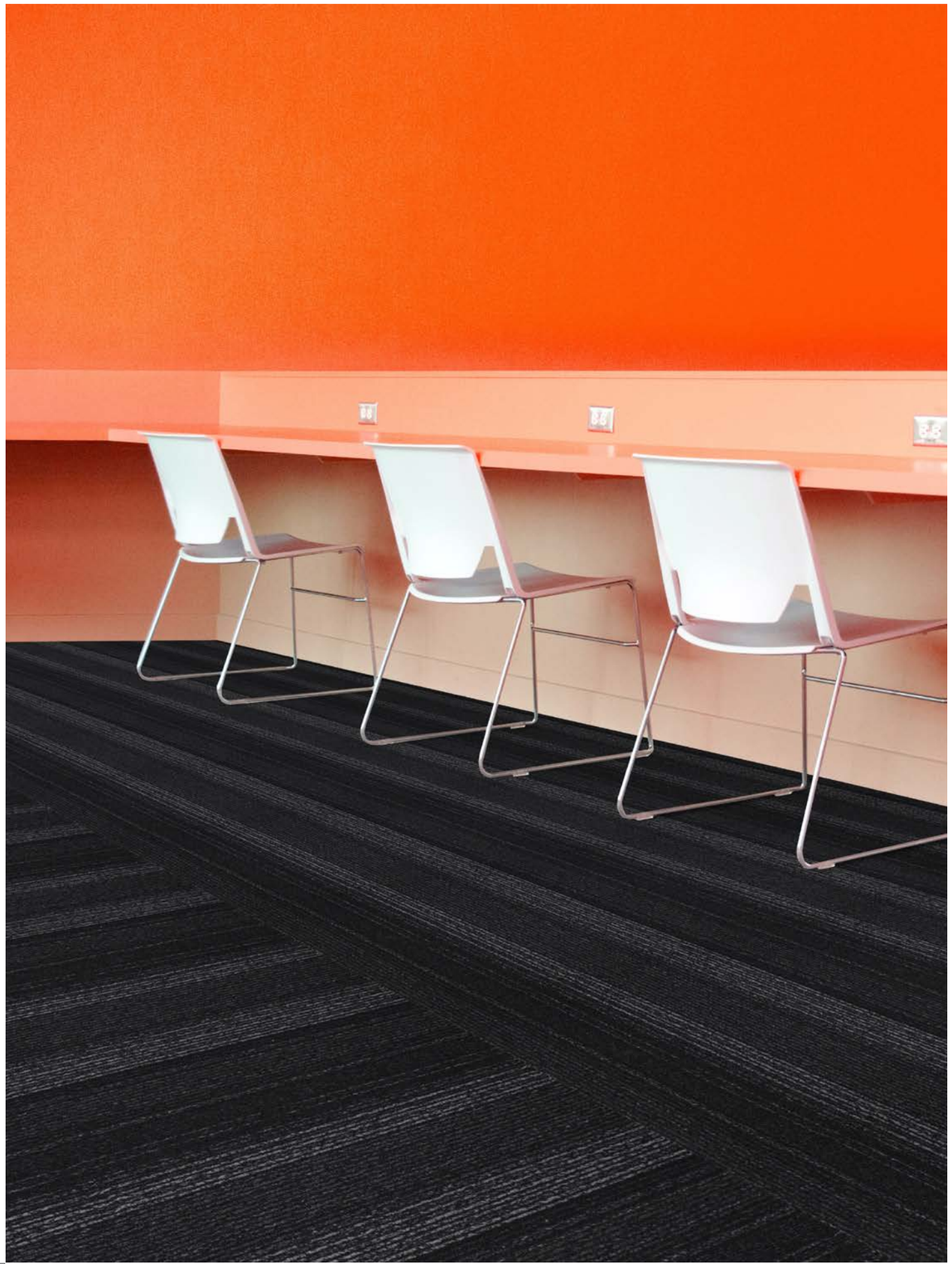


Ridge in Azurite | RID119-141 | Monolithic Installation



Ridge in Quartz | RID137-13-119 | Quarter Turn Installation

Ridge in Opal (RID33-13-119) and Plateau in Gabbro (PLA20-119) | Random Installation



RIDGE

SINGLE TILE: 50CM X 50CM
1 TILE PATTERN



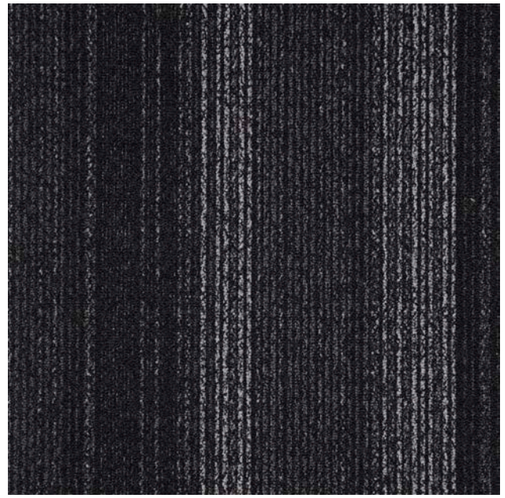
RID33-13-119
OPAL



RID119-141
AZURITE



RID137-13-119
QUARTZ



RID144-13-119
PYRITE

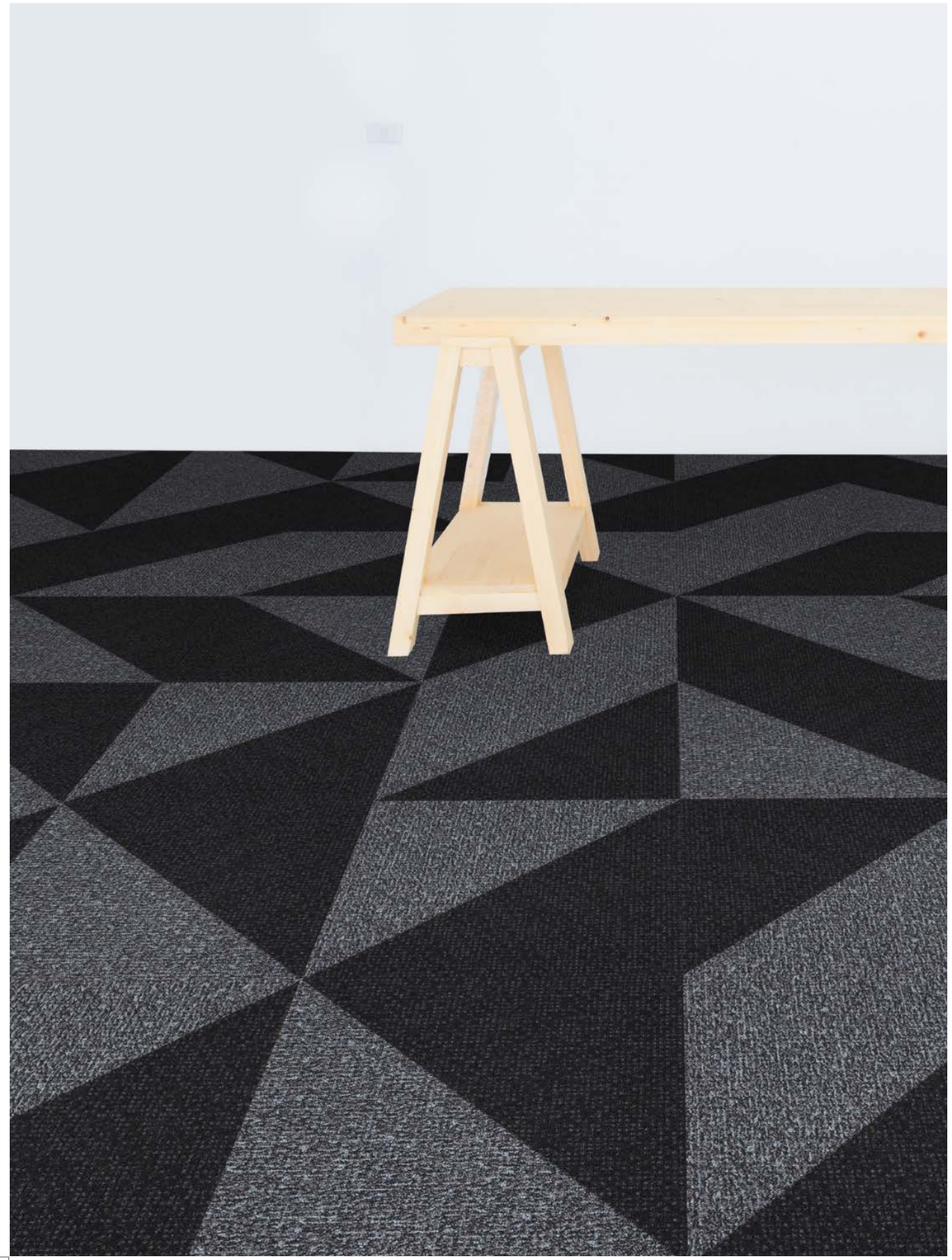
Ridge in Pyrite | RID144-13-119 | Monolithic Installation

SUMMIT

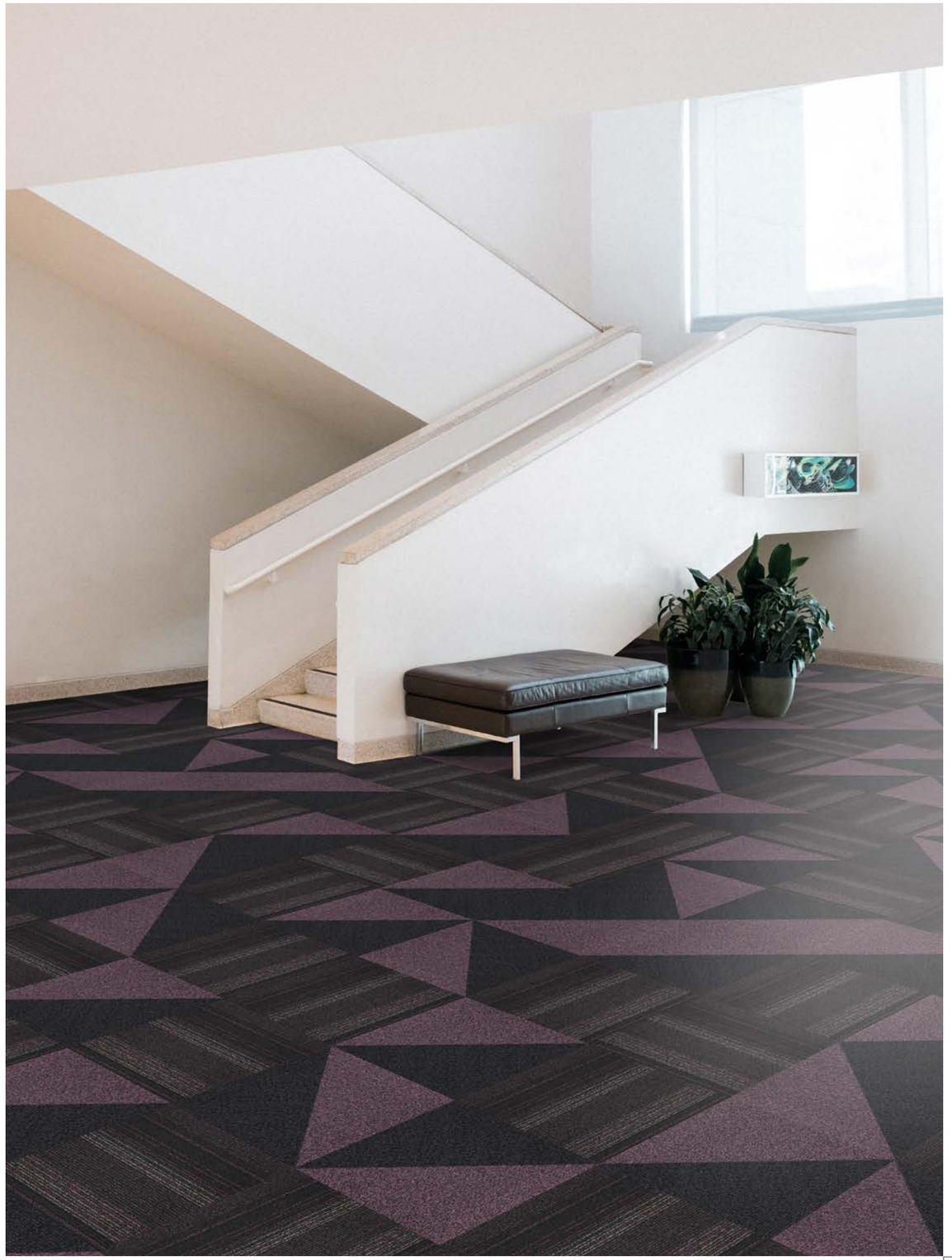
Amidst the peaks and caves and accents of multi-coloured ridges of seasoned strata, natural triangular shapes manifests adding a geometrical dimension with an organic flowing eroded formation continuing from the Plateau for a grand magnificent floor plane.



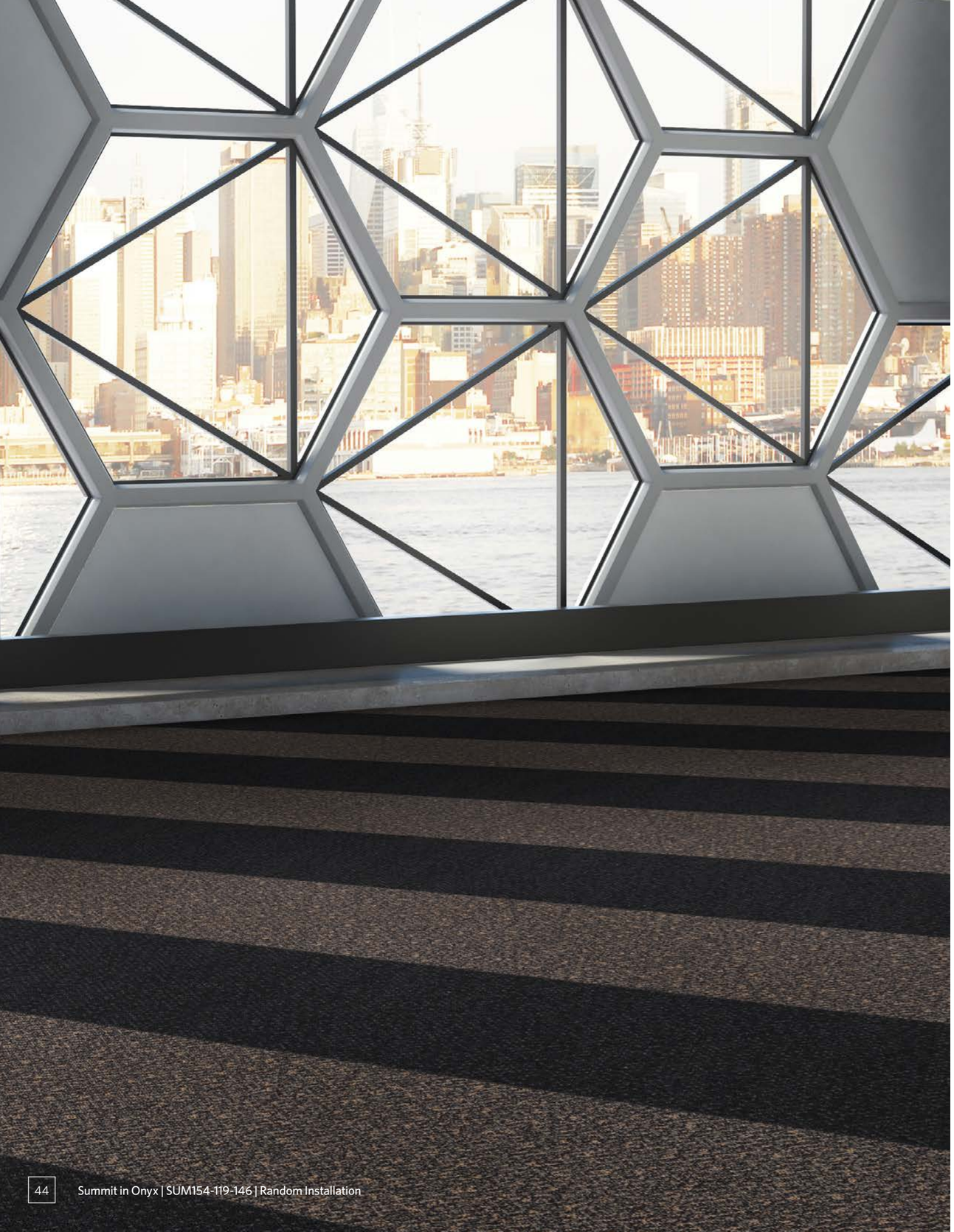
Left to Right: Summit in Opal (SUM154-119-33) and Plateau in Pyrite (PLA144-119) | Monolithic Installation



Summit in Zircon | SUM154-119-159 | Random Installation



Summit in Quartz (SUM154-119-137) and Ridge in Quartz (RID137-13-119) | Random Installation

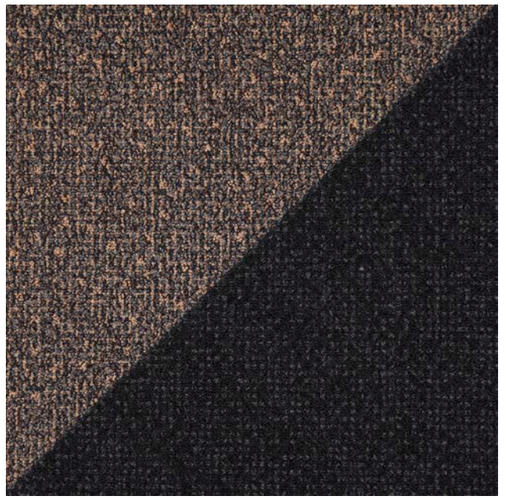


SUMMIT

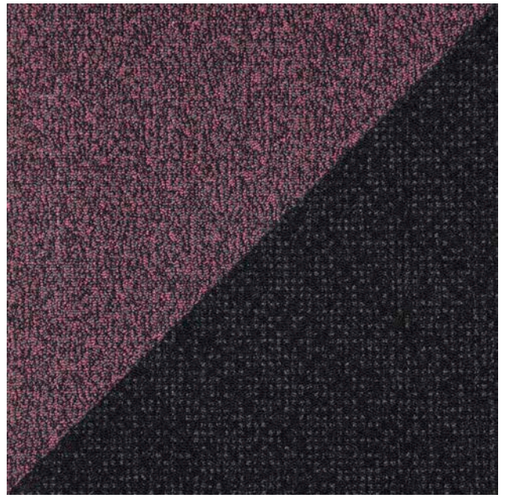
SINGLE TILE: 50CM X 50CM
1 TILE PATTERN



SUM154-119-33
OPAL



SUM154-119-146
ONYX

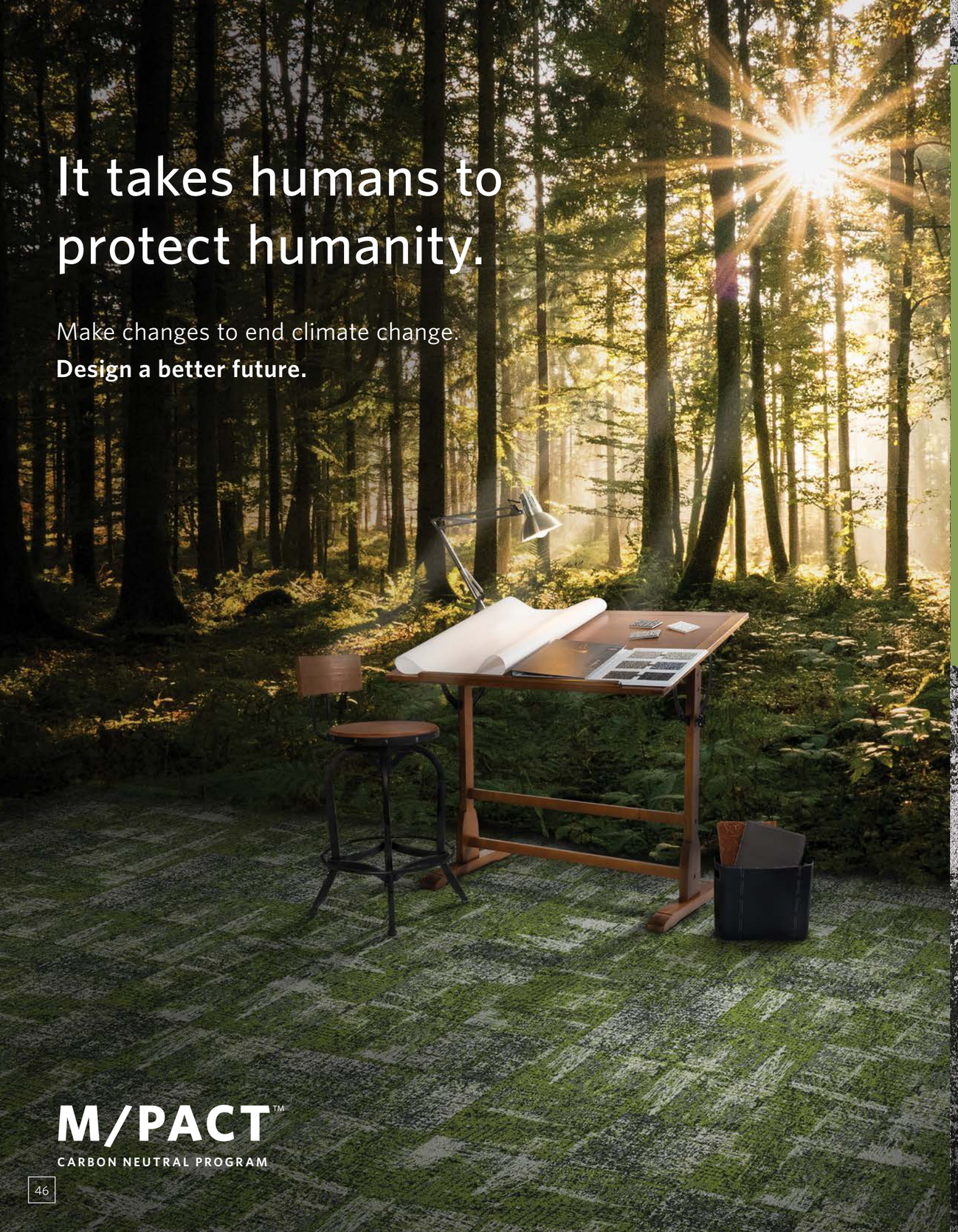


SUM154-119-137
QUARTZ



SUM154-119-159
ZIRCON

Summit in Onyx | SUM154-119-146 | Random Installation



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.

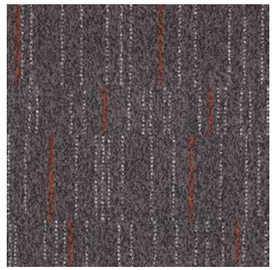
Together, we can make a positive **M/PACT™** on the world for generations.

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

Milliken™

GORGE

SINGLE TILE REPEAT: 50CM X 50CM



GOR120-33
OPAL



GOR119-143
QUARTZ



GOR141-119
AZURITE



GOR144-119
PYRITE

MESA

SINGLE TILE REPEAT: 50CM X 50CM



MES119-122
OPAL



MES140-119
ONYX



MES141-119
AZURITE



MES144-119
PYRITE

PLATEAU

SINGLE TILE REPEAT: 50CM X 50CM



PLA120
OPAL



PLA146-135-119
QUARTZ



PLA20-119
GABBRO



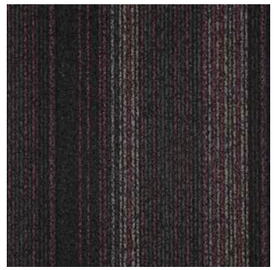
PLA144-119
PYRITE

RIDGE

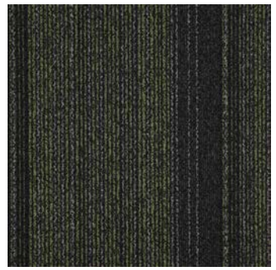
SINGLE TILE REPEAT: 50CM X 50CM



RID33-13-119
OPAL



RID137-13-119
QUARTZ



RID119-141
AZURITE



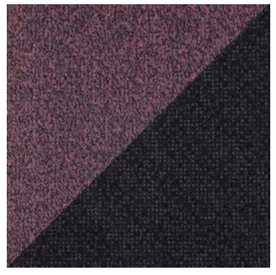
RID144-13-119
PYRITE

SUMMIT

SINGLE TILE REPEAT: 50CM X 50CM



SUM154-119-33
OPAL



SUM154-119-137
QUARTZ



SUM154-119-146
ONYX



SUM154-119-159
ZIRCON

Left to Right: Ridge in Pyrite (RID144-13-119) Monolithic Installation, Plateau in Gabbro (PLA20-119) Monolithic Installation, and Summit in Zircon (SUM154-119-159) Random Installation



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.

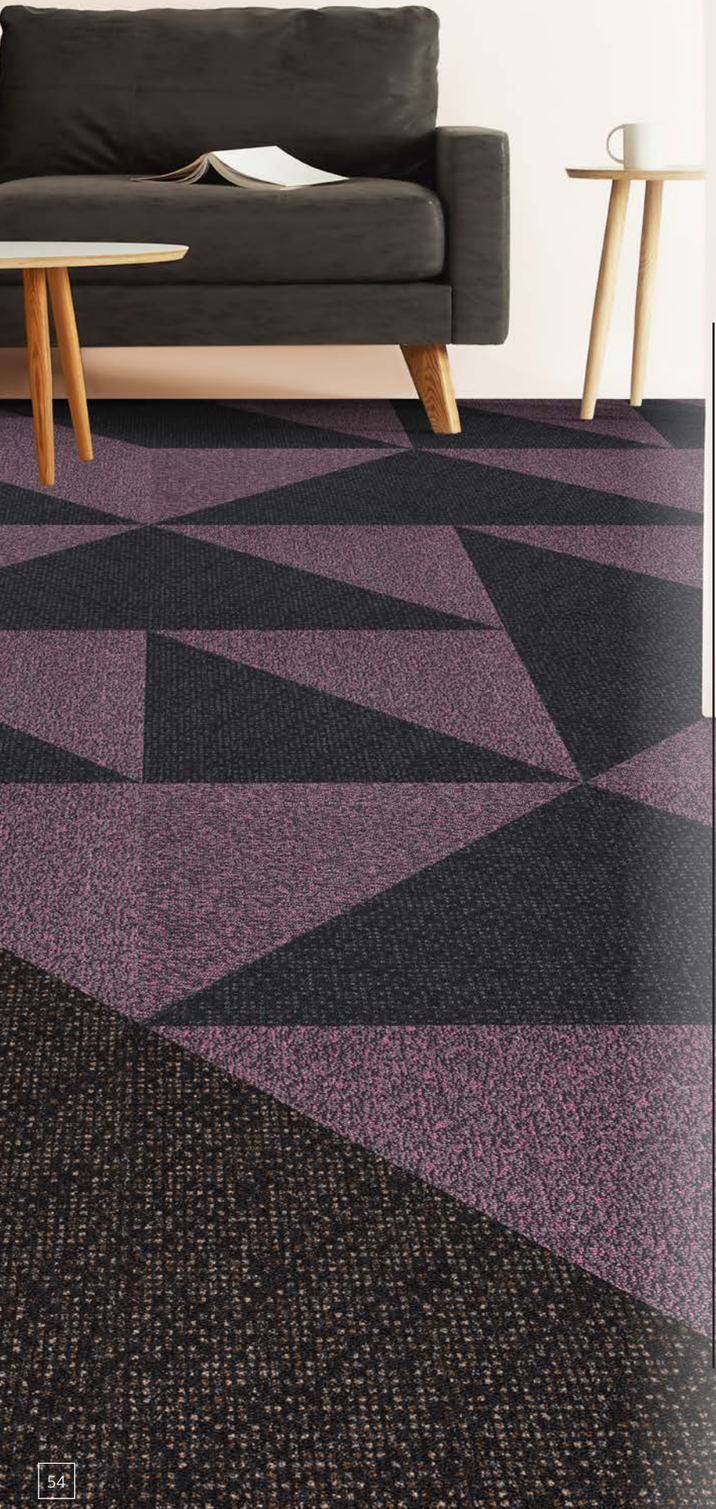
MGUARD+ treatment kills 99% of S. aureus, E. coli, K. pneumoniae in 24 hours as per AATCC 174-2.

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.

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™ 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™ Red-List Free products for 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.

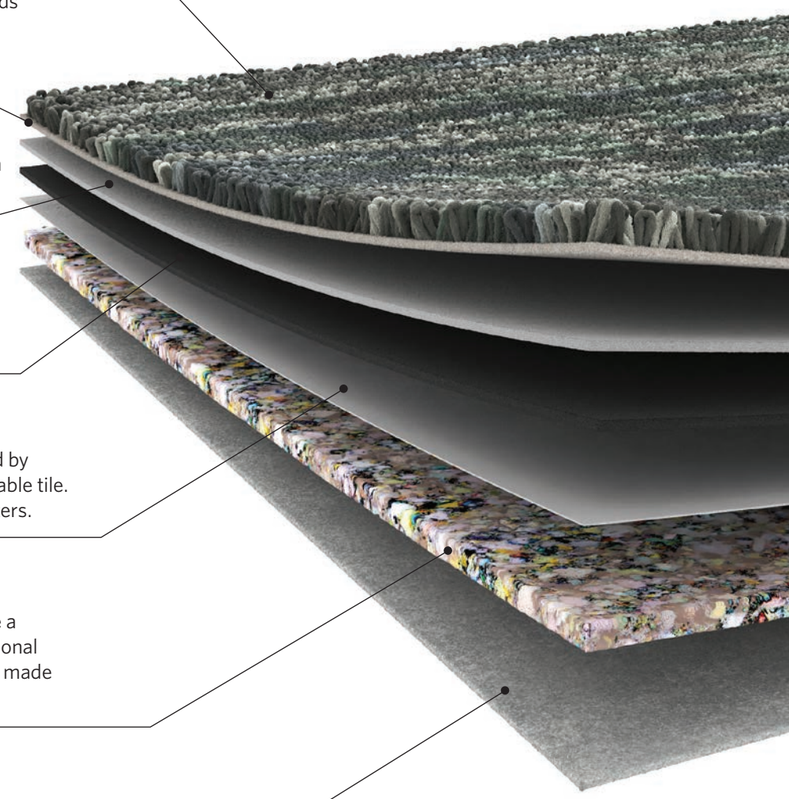
PRECOAT
The precoat layer locks the tufted yarns in the primary backing to ensure good tuft bind strength between the yarns and the backing.

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.

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



Research Primary School, Victoria | Kennedy Nolan
Photographer: Emily Bartlett
Summit in Zircon | SUM154-119-159 | Monolithic Installation

DANXIA

Gorge | Mesa | Plateau | Ridge | Summit

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 45 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
Tile Size	50cm x 50cm
Yarn Type	Milliken Certified 100% Nylon
Stain Resist | Soil Release	StainSmart®
Dye Method	PrintWorks™
Gauge	1/10
Stitches Per Inch	6.8
Tufts	68/in² (1,054/100cm²)
Recyclable	100%
Recycled Content by Total Weight	42%
Nominal Total Thickness	8.5mm
Nominal Total Weight	100 oz/yd² (3,391g/m²)
Nominal Pile Thickness	2.5mm
Flammability (Radiant Panel Test)	CHF/CRF = 4.7kW/m², Smoke value = 222%.min
Lightfastness (AATCC 16E)	≥ 4.0 at 80 Hours
Static Electricity (AATCC-134) 20% R.H., 70°F	≤ 3.5KV
Indoor Air Quality CRI Green Label Plus™	≤ 0.5mg/m³ (GLP0793)
VOC	Pass (ISO 10580:2010)
ACCS Grading	CEHD 4*, REHD2 4*, Suitable for Stairs
Environmental	ECS Grading – Level 4 + (Core + No Chemicals of Concern + EPD + Carbon Neutral) Declare – RED LIST FREE Cradle to Cradle – Silver M/PACT ™ Carbon Neutral Program Environmental Product Declaration (EPD) Health Product Declaration (HPD) Works With WELL

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).	1. ECS Carpet Standard v2.2 2. Cradle to Cradle 3. Declare 2.0 – Red List Free 4. Science-Based Targets Initiative (SBTi)	GBCA Responsible Product Value 30 rpv

Recommended Installation Method(s)	Monolithic | Brick (Horizontal) | Quarter Turn | Random
Recommended Area of Use	Commercial Extra Heavy Duty and Stairs
Warranties	20-year Wear Warranty 20-year Dimensional Stability Warranty 20-year Anti-Static Warranty 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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