



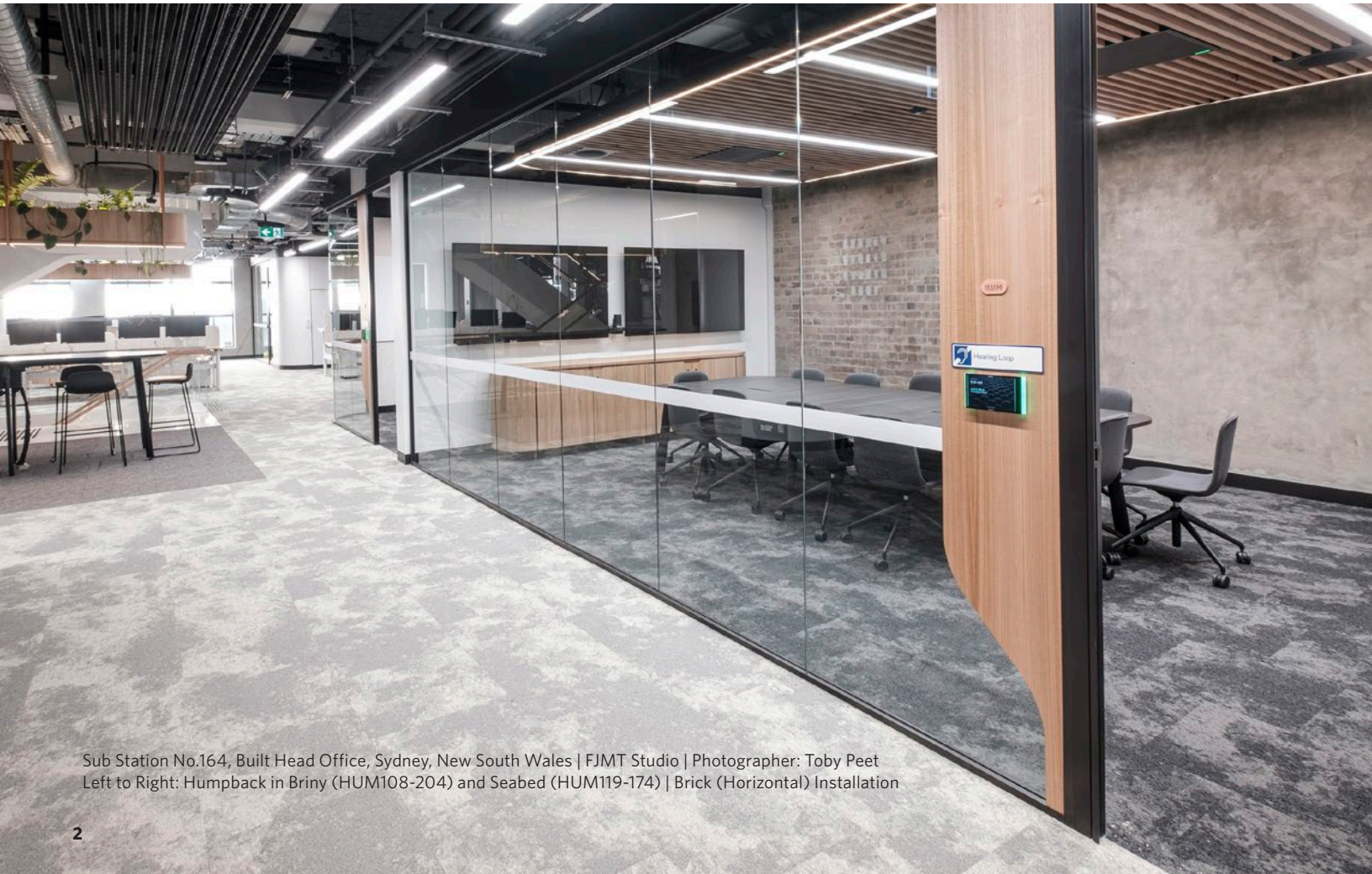
WHALE SONG

Milliken

WHALE SONG

The inveterate composers of the sea bring music to the earth’s waters. The regular and predictable sounds from some of the largest mammals on earth are the most complex in the animal kingdom. Slow and leveling to a constant note or rapidly up swinging to a highly modulated pattern, these complex structures guide and connect us to another world of communication.

The Whale Song collection brings two standard patterns to the Milliken solution-dyed offering. These highly textured, loop and tip-sheared patterns were inspired by the sound patterns created by whale communications as well as the environment in which these songs are sung. Stretched and elongated or pixelated to bring greater definition, each pattern offers its own perspective to the floor, and works well with additional products in the Milliken portfolio.



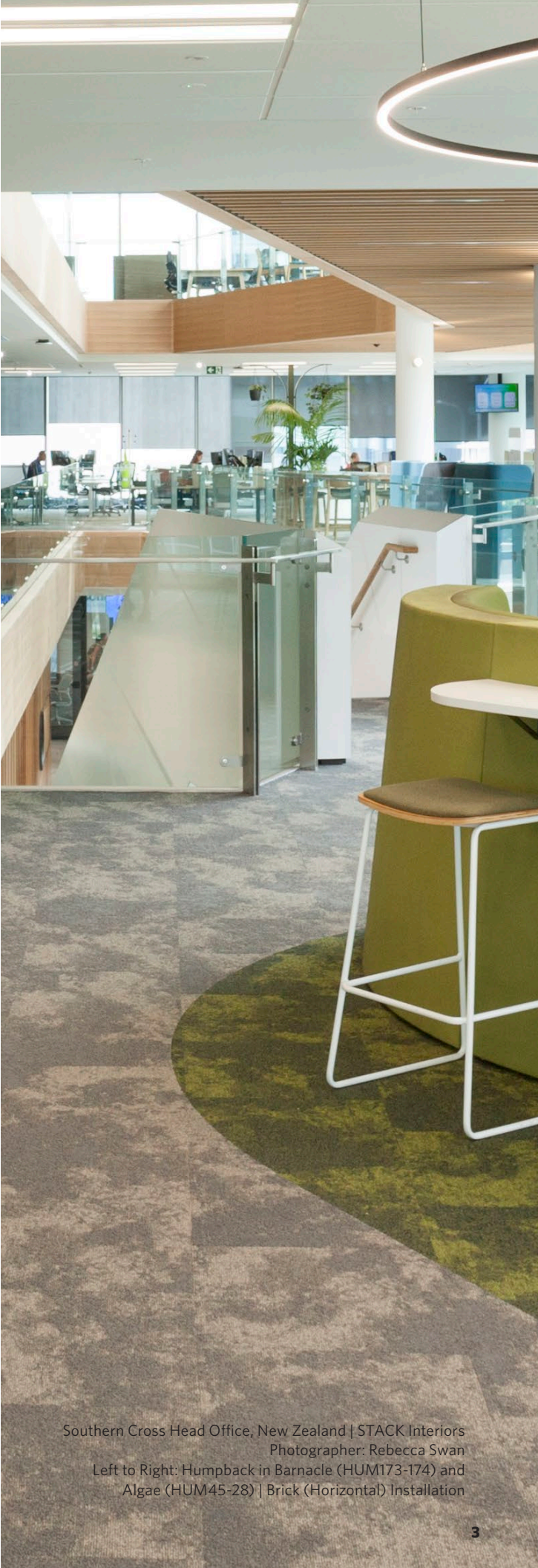
Sub Station No.164, Built Head Office, Sydney, New South Wales | FJMT Studio | Photographer: Toby Peet
Left to Right: Humpback in Briny (HUM108-204) and Seabed (HUM119-174) | Brick (Horizontal) Installation



BELUGA IN BRINY
BEL108-204



HUMPBAC IN BRINY
HUM108-204



Southern Cross Head Office, New Zealand | STACK Interiors
Photographer: Rebecca Swan
Left to Right: Humpback in Barnacle (HUM173-174) and
Algae (HUM45-28) | Brick (Horizontal) Installation

BELUGA

Imagining the effect of sound as it dissipates through the waters, Beluga creates a modern solid for the floor. This textural gradation softens as it moves throughout the space, creating an interior where movement is purposeful, yet quiet.





Te Omanga Hospice, New Zealand | Space ID | Photographer: ADODAH
Beluga in Barnacle | BEL173-174 | Brick (Horizontal) Installation



Te Omanga Hospice, New Zealand | Space ID | Photographer: ADODAH
Beluga in Barnacle | BEL173-174 | Brick (Horizontal) Installation



Field: Beluga in Seabed | BEL119-174 | Brick (Horizontal) Installation
Highlight: Beluga in Moss | BEL103-45 | Brick (Horizontal) Installation



COLOURWAY

Beluga



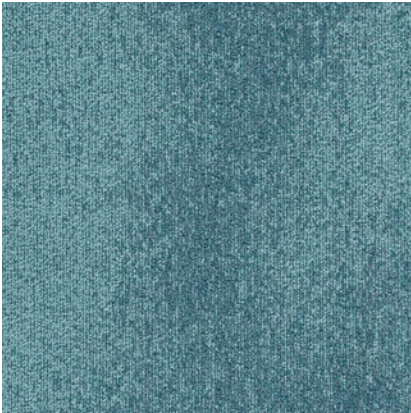
BEL108-204 BRINY



BEL209-152 ICE CAP



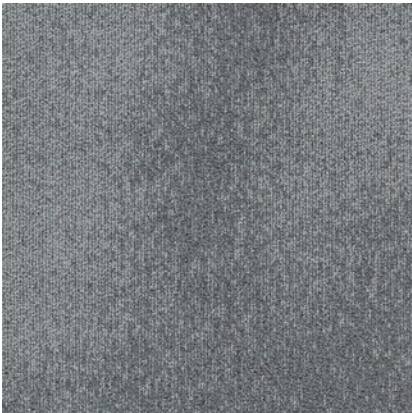
BEL103-45 MOSS



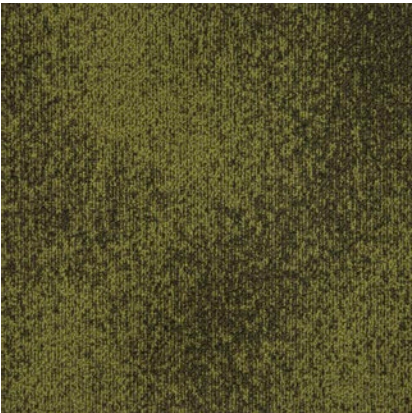
BEL201-161 SALTWATER



BEL173-174 BARNACLE



BEL152-106 BREAKER



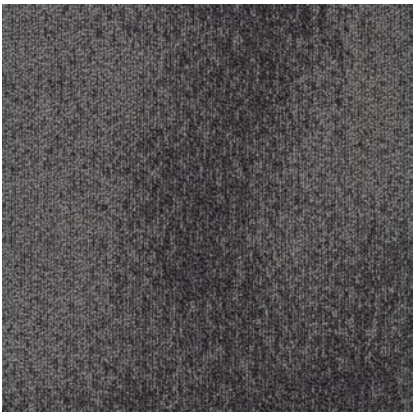
BEL45-28 ALGAE



BEL125-201 MARINE



BEL19 COASTLINE



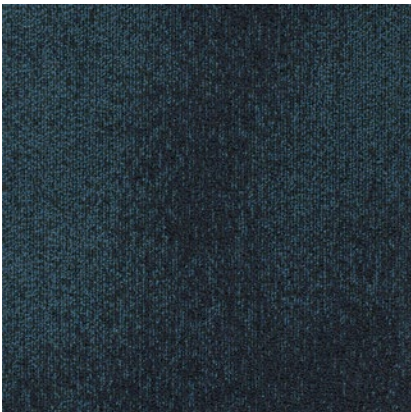
BEL119-174 SEABED



BEL119-106 MARITIME



BEL28-133 KELP FOREST



BEL125-107 DEEP SEA



BEL52 NIGHT TIDE

HUMPBACK

Communication is vital for a whale’s foraging and connection with its pod.

With the humpback pattern, we think of the landscape under the water which is as diverse as we see on land.

The ebb and flow of Humpback allows a mixture of scale within the pattern while balancing positive and negative areas.



Southern Cross Head Office, New Zealand | STACK Interiors | Photographer: Rebecca Swan
Left to right: Humpback in Algae (HUM45-28) and Barnacle (HUM173-174) | Brick (Horizontal) Installation



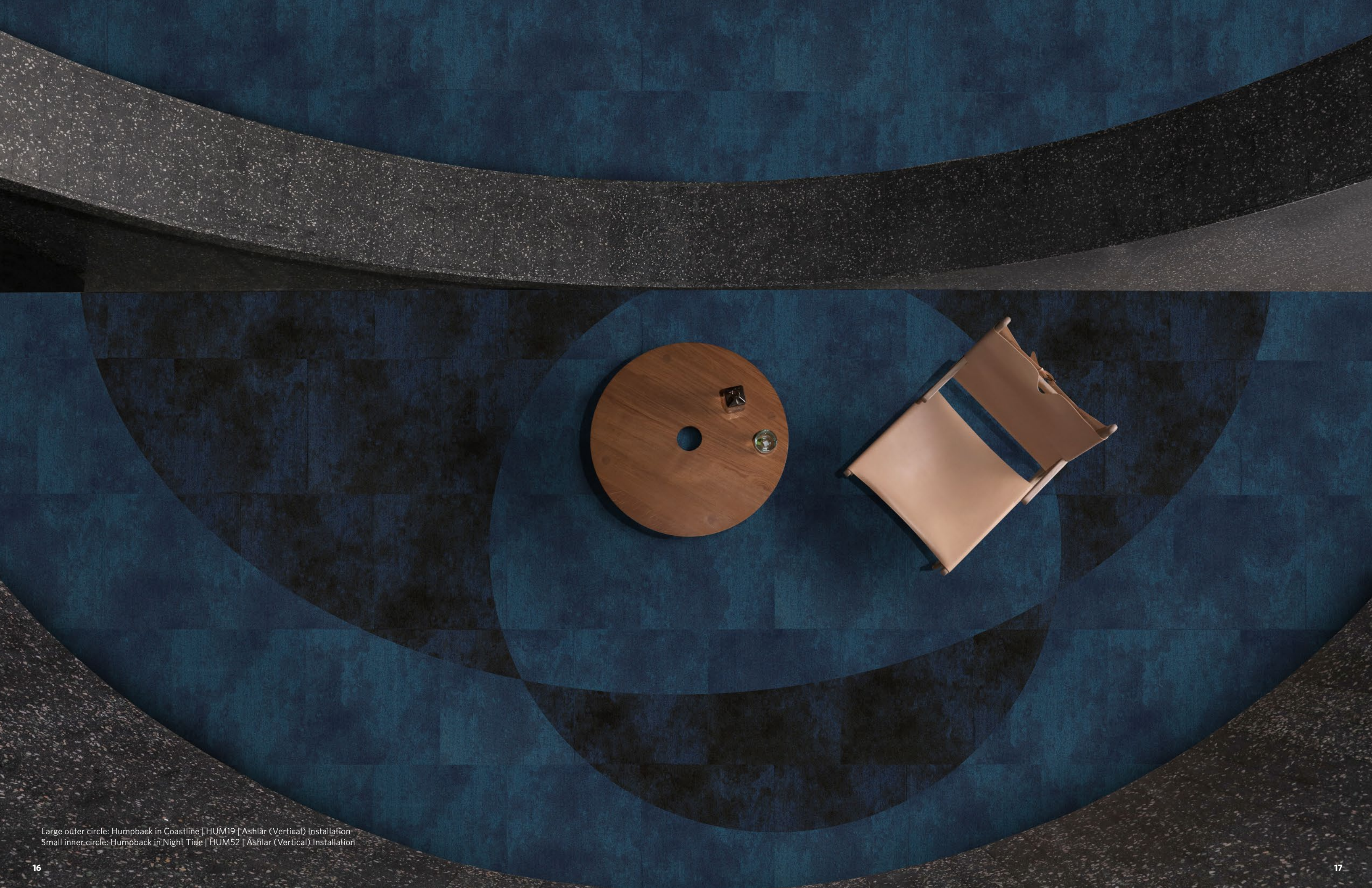
Human Rights Commission – Te Kāhui Tikī Tangata, New Zealand | DGSE | Photographer: Jason Mann
Left to right: Humpback in Kelp Forest (HUM28-133) and Seabed (HUM119-174) | Brick (Horizontal) Installation



Sub Station No.164, Built Head Office, Sydney, New South Wales | FJMT Studio | Photographer: Toby Peet
 Humpack in Briny | HUM108-204 | Brick (Horizontal) Installation



Humpack in Breaker | HUM152-106 | Brick (Horizontal) Installation



Large outer circle: Humpback in Coastline | HUM19 | Ashlär (Vertical) Installation
Small inner circle: Humpback in Night Tide | HUM52 | Ashlar (Vertical) Installation



COLOURWAY

Humpback



HUM108-204 BRINY



HUM209-152 ICE CAP



HUM103-45 MOSS



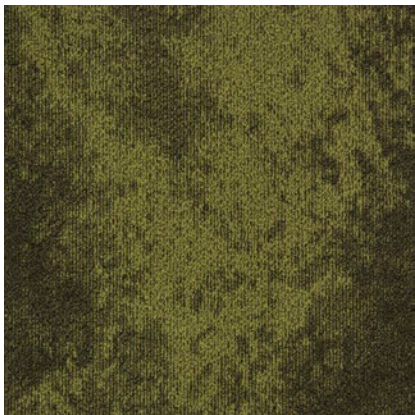
HUM201-161 SALTWATER



HUM173-174 BARNACLE



HUM152-106 BREAKER



HUM45-28 ALGAE



HUM125-201 MARINE



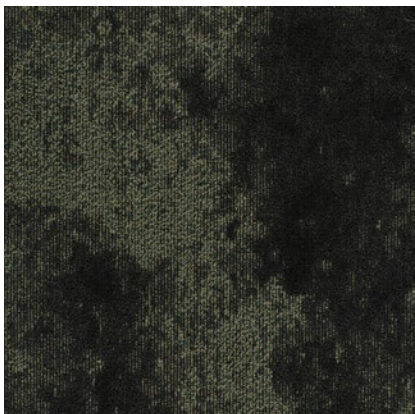
HUM19 COASTLINE



HUM119-174 SEABED



HUM119-106 MARITIME



HUM28-133 KELP FOREST



HUM125-107 DEEP SEA

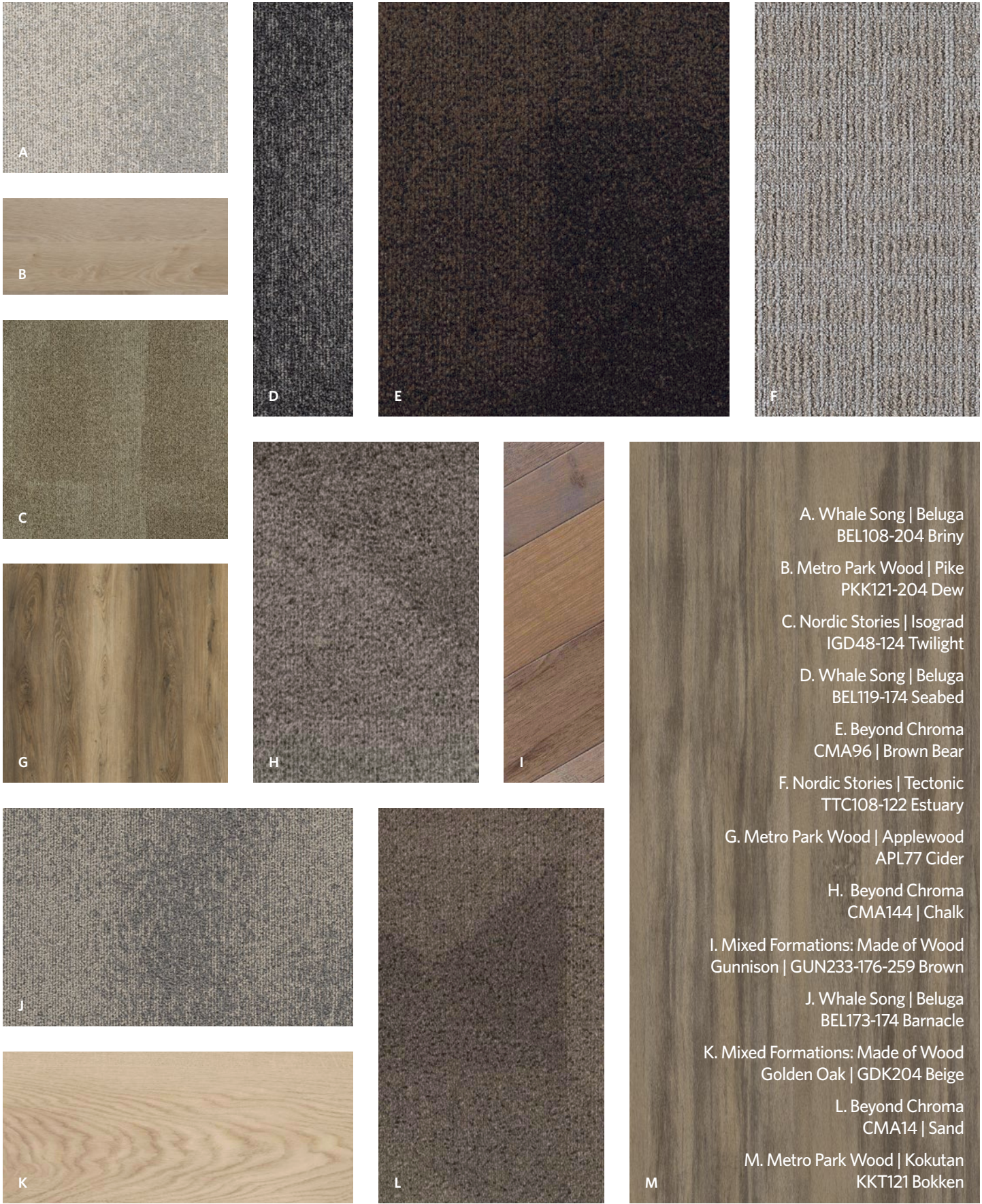


HUM52 NIGHT TIDE

MOODBOARDS | COMPLEMENTARY COLLECTIONS



MOODBOARDS | COMPLEMENTARY COLLECTIONS



MOODBOARDS | COMPLEMENTARY COLLECTIONS

A. Nordic Stories | Isograd
IGD157-178 Arctic Ocean

B. Consequence 2.0 | Sequel
SEQ25-19 Billabong

C. Metro Park Stone | Chalkboard
CKB5 Meta

D. Metro Park Stone | Tangible
TGB250 Twilight

E. Nordic Stories | Tectonic
TTC19-27 Kyanite


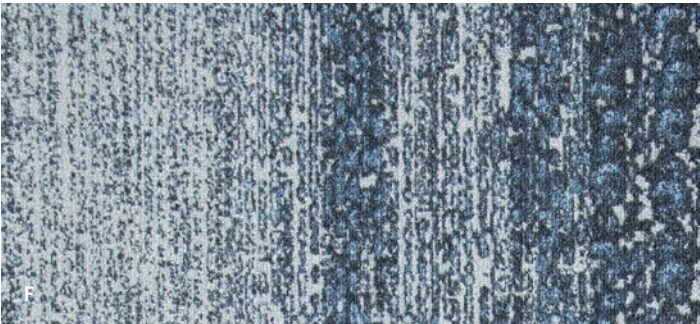
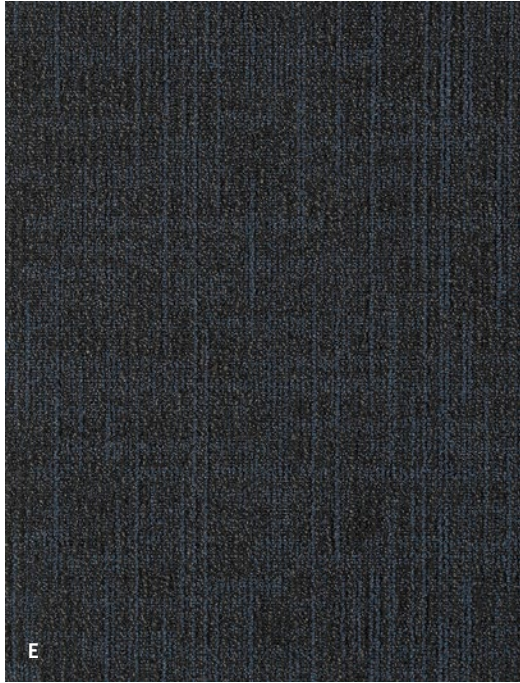

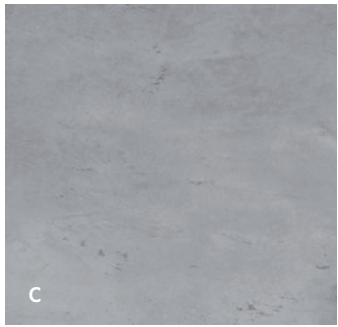

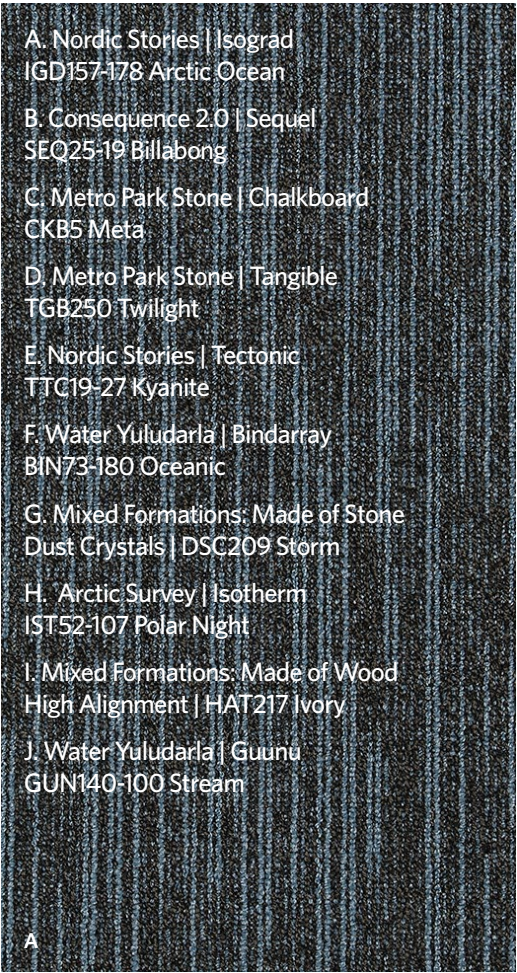
F. Water Yuludarla | Bindarray
BIN73-180 Oceanic

G. Mixed Formations: Made of Stone
Dust Crystals | DSC209 Storm



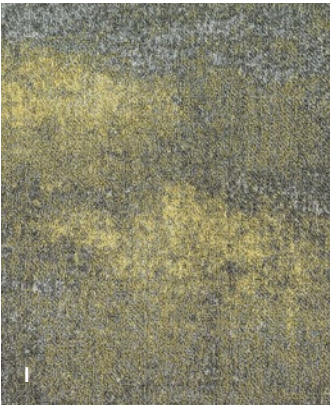
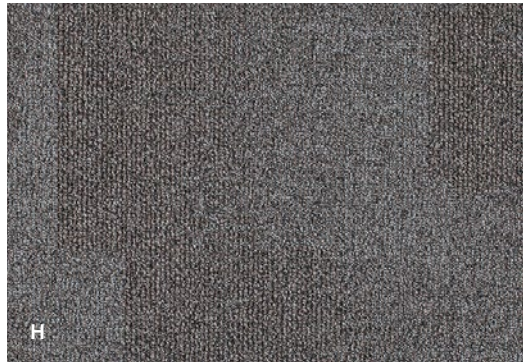


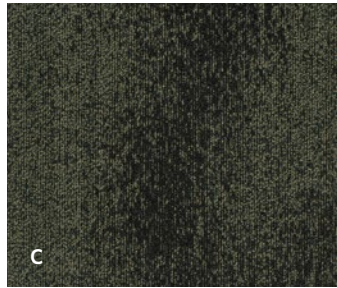
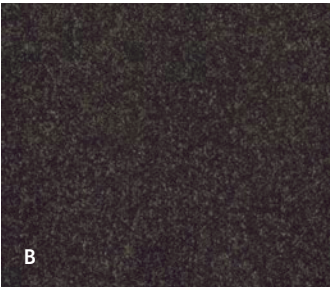



H. Arctic Survey | Isotherm
IST52-107 Polar Night

I. Mixed Formations: Made of Wood
High Alignment | HAT217 Ivory

J. Water Yuludarla | Guunu
GUN140-100 Stream



MOODBOARDS | COMPLEMENTARY COLLECTIONS



A. Major Frequency: One | Vibration
VBN141-118-106 Quake

B. Circular Relationships | Rock Grain
CRR62-178-207 Moss Rock

C. Whale Song | Beluga
BEL28-133 Kelp Forest

D. Arctic Survey | Isotherm
IST45-28 Sedges

E. Ripple
RIP48-212 Coastline

F. Mixed Formations: Made of Stone
Pure Slab | PSL219 Dove

G. Poise
POI103-78-62 Presence

H. Nordic Stories | Hidden Plains
HDP67-59 Lahar

I. Comfortable Concrete | Urban Poetry
UPY154-180-188 Powder Sun

J. Mixed Formations: Made of Wood
Golden Oak | GDK251 Sand

K. Fractals | Entangle
ETG79-21-144 Frost/Laurel Wash

L. Major Frequency: One | Distortion
DTN141-118-106 Quake



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



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.

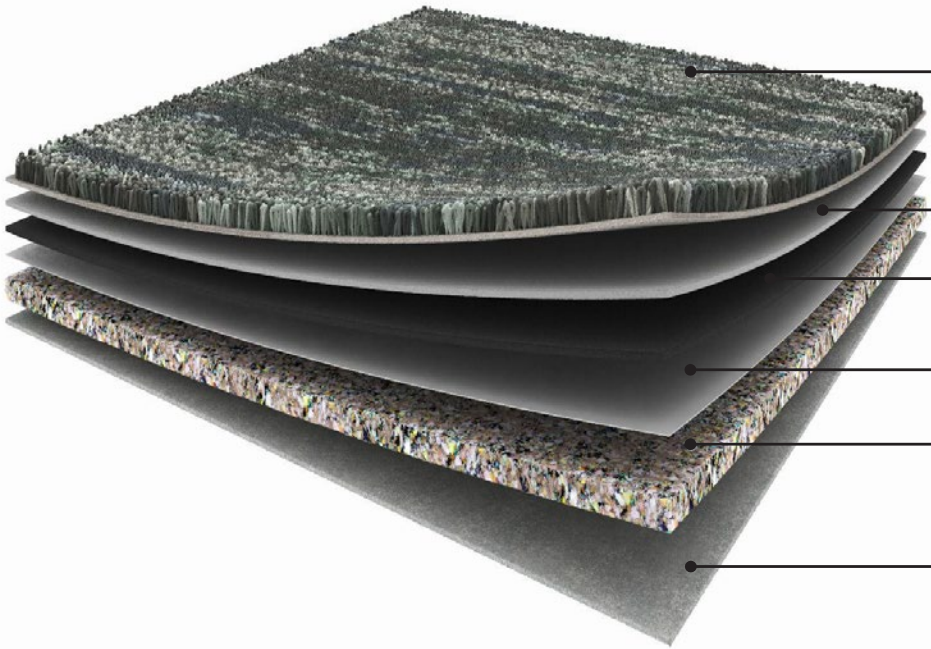


Enhanced Indoor Air Quality (Low VOC) for improved occupant and installer well-being.

Experience the benefits of flooring designed differently.

We believe aesthetics should be backed by science. That's why we have engineered our WellBAC® cushion carpet tile and LVT products to provide a wide range of deeper, long-term benefits. Sometimes the things you can't see make all the difference, so let's take a closer look.

- COMFORT
- ACOUSTICS
- WELLNESS
- SUSTAINABILITY
- INNOVATION
- INSTALLATION
- DURABILITY
- MOISTURE MANAGEMENT



Face Fabric

Pre-Coat

Fibreglass

Secondary Backing

78% Recycled Foam

70% Recycled Felt

WHALE SONG

Beluga | Humpback

SPECIFICATION



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	WellBAC® Comfort (PVC FREE) (Non-Reactive Backing)
Acoustic Value	Noise Reduction Coefficient - NRC ≥ 0.25 Impact Sound Pressure Level - L _{n,w} ≤ 47 dB
Concrete Slab Moisture Mitigation	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

Construction	Tufted, Textured Loop, Tip Sheer	Lightfastness (AATCC 16E)	≥ 4.0 at 80 Hours
Tile Size	50cm x 50cm	Static Electricity	≤ 3.5 KV
Yarn Type	100% Solution Dyed Nylon	(AATCC-134) 20% R.H., 70°F	
Stain Resist Soil Release	Built-In Protection	Indoor Air Quality	≤ 0.5 mg/m ³ (GLP2705)
Dye Method	Solution Dyed	CRI Green Label Plus™	
Gauge	1/12	VOC	Pass (ISO 10580:2010)
Stitches Per Inch	11.6	ACCS Grading	CEHD(S) 4*, REHD2 (S)6*
Tufts	139/in ² (2,153/100cm ²)	Environmental	Suitable for stairs
Recyclable	100%		ECS Grading - Level 4 (Certificate No. 23279)
Nominal Total Thickness	8.7mm		Declare -
Nominal Total Weight	94.4 oz/yd ² (3,270g/m ²)		3rd Party Verified RED LIST FREE
Nominal Pile Thickness	2.7mm		Cradle to Cradle - Silver
Flammability (Radiant Panel Test)	CHF/CRF = 3.2kW/m ² , Smoke value = 266%.min		Carbon Neutral
			Environmental Product Declaration (EPD)
			Health Product Declaration (HPD)

Recommended Installation Method(s)	Brick (Horizontal) Ashlar (Vertical)
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



Alliance
Founding
Member



Declare.

Milliken

Left to Right: Humpback in Breaker (HUM152-106)
and Beluga in Ice Cap (BEL209-152)
Brick (Horizontal) Installation

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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