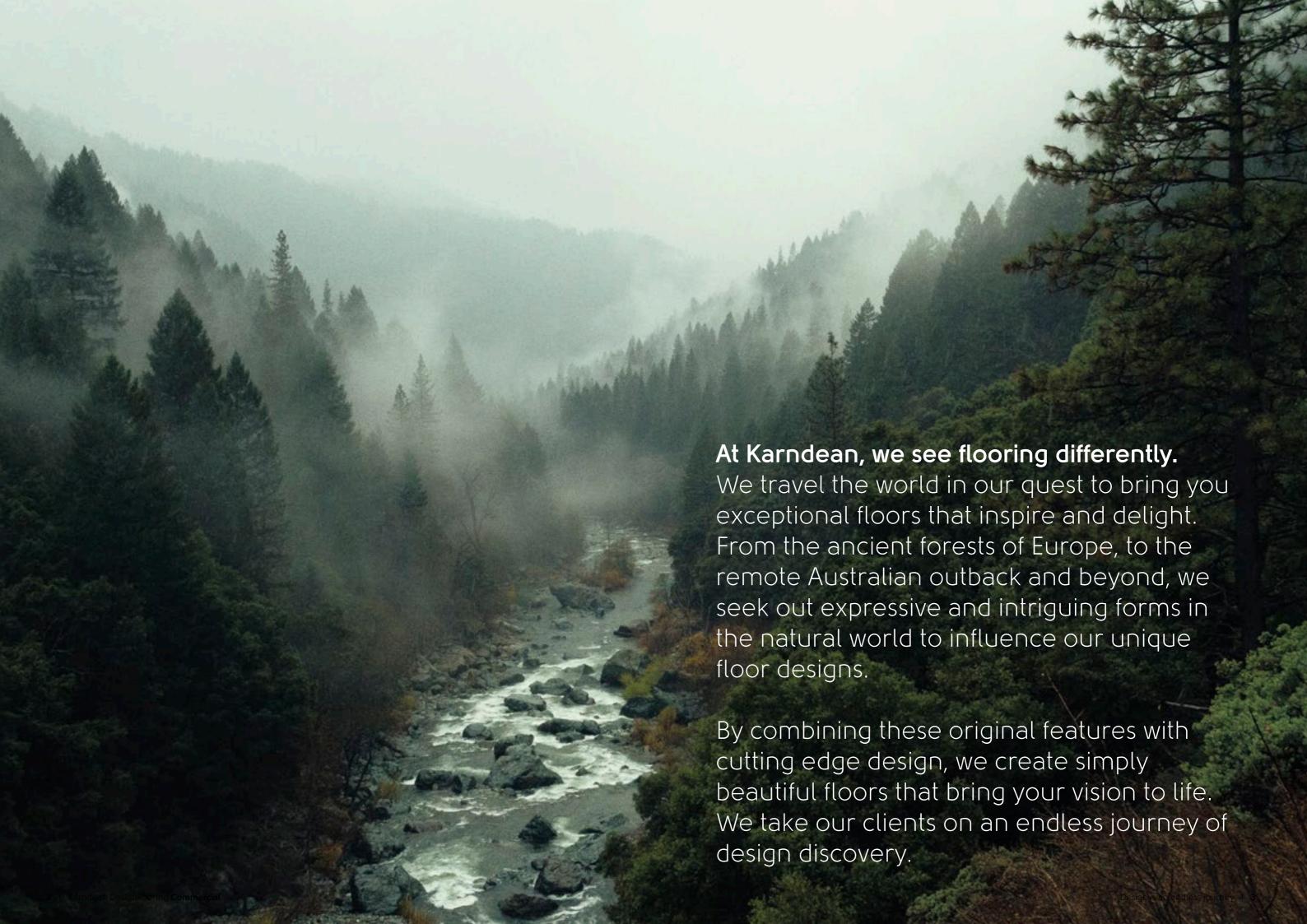
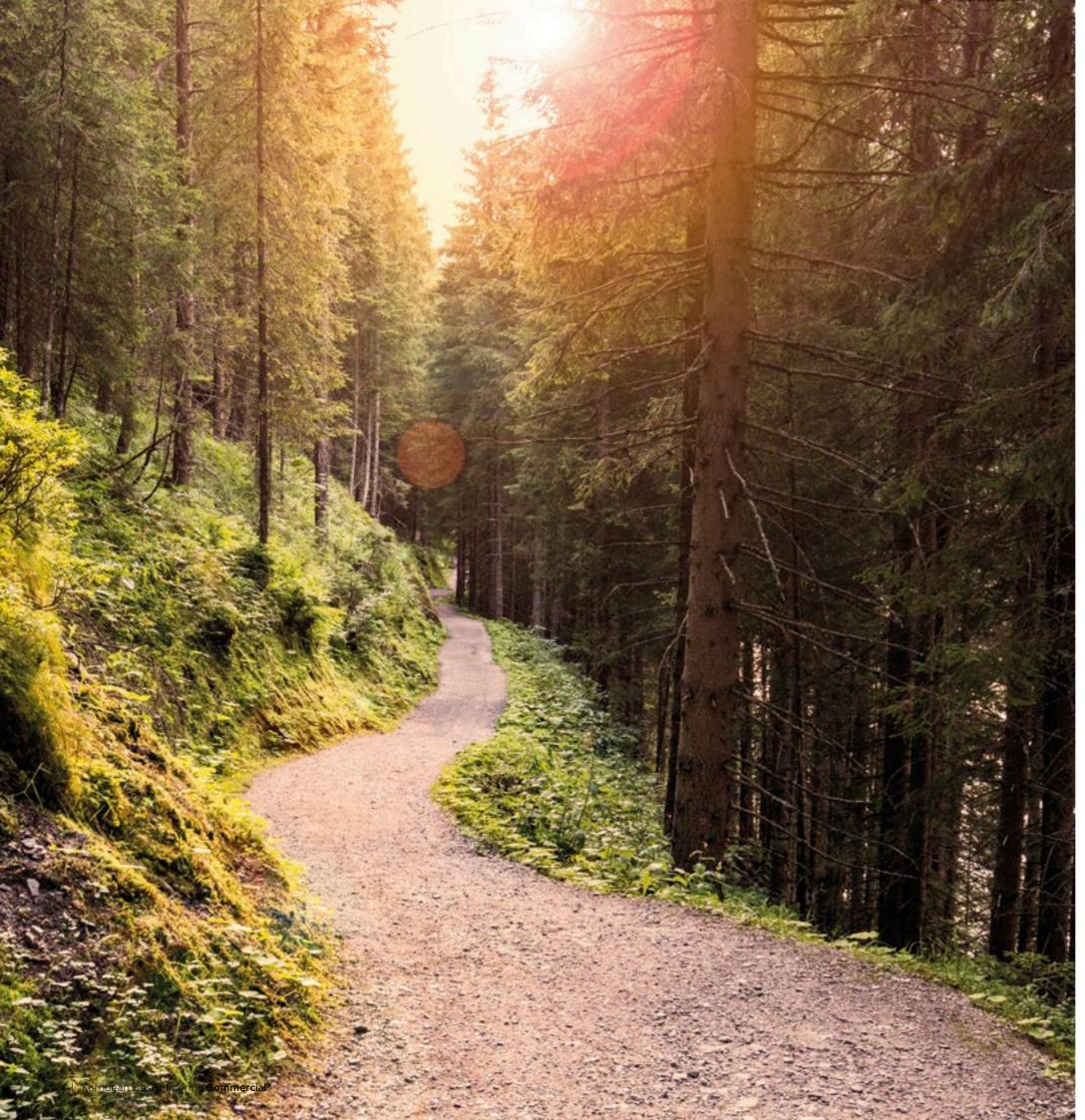
# Karndean







# CONTENTS

/elcome	6
/hats new?	8
esign is an endless journey	10
nvironment	12
's oh so quiet	16
ustainability	17
/hy Karndean?	18
tart your journey	22
ommercial environments	54
ectors	38
ase Study: Workplace	26
ector in focus: Co-living	30
ector in focus: Hospitality and leisure	34
orm and function	43
ormats	44
lultiformat	46
our collections	48
espoke	52
roducts	59
lood at a glance	60
tone at a glance	64
bstract at a glance	66
eritage Collection	68
aleidoscope	72
aleidoscope at a glance	76
rt Select	78
a Vinci	86
an Gogh	94
)pus	100
night Tile	108
arndean LooseLay & Longboard	116
orlok	124
esources	133
igital tool suite	134
echnical hub	136
our interative journey starts here	137
howrooms	138
roduct overview	141
roduct by range	142
Quality and service	150

# JOURNEY WITH US...

"We believe that design is an endless journey. And, with that in mind, we welcome you on our latest adventure. Having navigated the pandemic this past 18 months, a spotlight has been shone on our communal sense of identity. And how we want our future selves to be.

"This has presented our sector with an opportunity to redefine the way our environments are used and interacted with, whether that's at home, at work, or somewhere in between. With human connection now more precious than ever before, we recognise that it must be at the heart of every experience; both online and offline. So, to support you, wherever you are, we have some exciting developments to share.

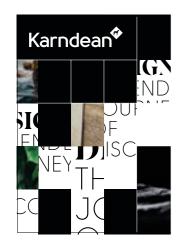
"We've developed a new and innovative virtual tool – our Interactive Tour – which allows you to explore real world settings in 3D, with product information and inspiration available at just the click of a mouse, or the tap of a finger.

We're also thrilled to announce our partnership with Material Source Studio in Manchester. A hugely inspirational A&D destination, fuelling creativity and collaboration, it's a must visit.

"We, the Commercial team at Karndean, continue to grow with support at local, regional and national level across multiple sectors. So may this publication serve as one of our many meetings, and whether the next time is virtually, or good-old-fashioned face-to-face, we're here to support you every step of the way."

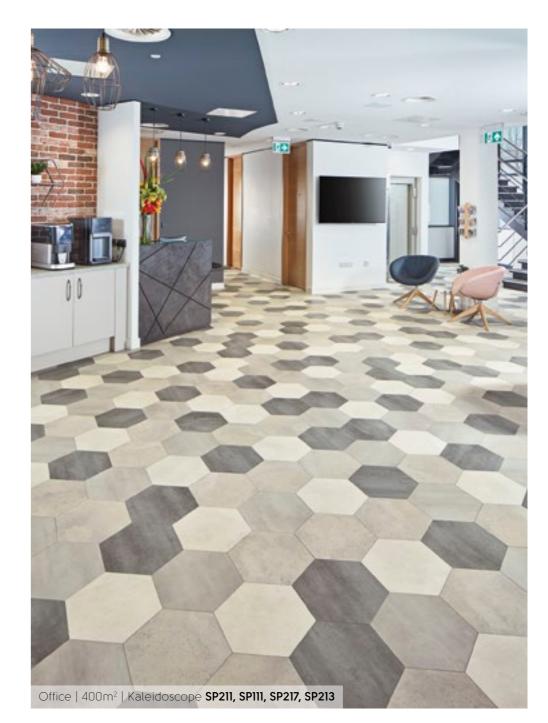


Fleur Carson
Commercial Sales Director



#### Our cover story

Inspired by our new brand identity, designer Graeme Stephenson has developed our brochure's front cover. Adopting a grid format to represent our journey through the ever-shifting inspirational landscape in which we all operate; our fresh font and typographic style are introduced, representing our collective narrative and tone of voice.



# WHAT'S NEW?

Design is an endless journey. And ours has reached an exciting milestone...

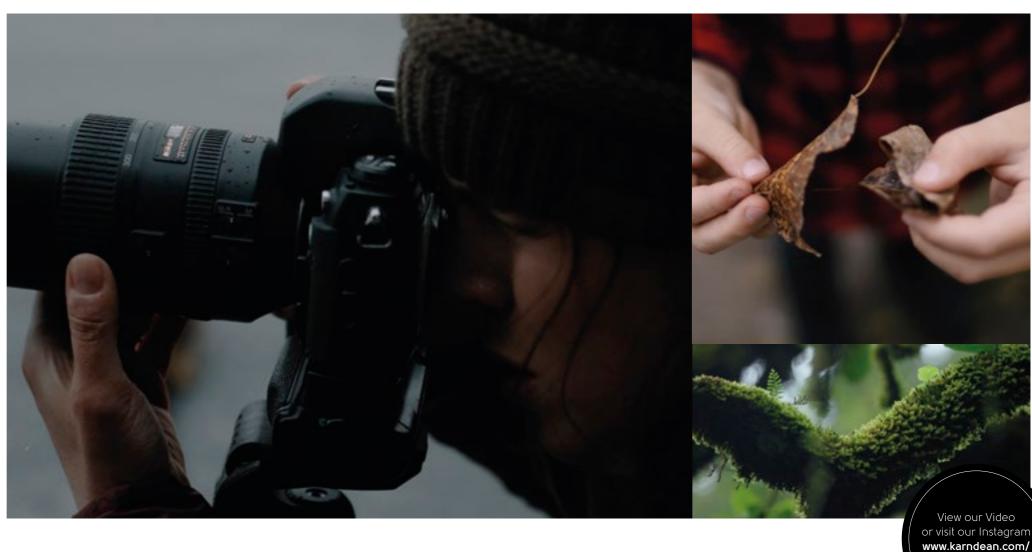
Our design process begins with a meeting with nature. For us, pushing the boundaries has to be a journey of discovery. It's why we travel the world for inspiration. From the ancient European woodlands to the Australian outback – we pack our bags and go there.

It's this pioneering spark that truly sets us apart. And although it's always been there, taking stock during the pandemic only helped us to reaffirm it. This has formed the foundations for our new commercial brand identity, which centres on the mantra: Design is an endless journey.

Through our dedicated Instagram account, and brand film, we visually illustrate this design journey. Which starts from the ground up - with the beauty of the outdoors reflected in our products - and continues through to providing you with support and inspiration at every turn.

For us, design is not simply a process. Our team truly lives and breathes every narrative that filters through into our collections. This means that every concept begins with the 'Karndean Why', to ensure that not only are your functional and aesthetic requirements met, but exceeded.

To join us on our journey, visit: www.karndean.com/designjourney



As you journey through the latest edition of our commercial brochure, you'll find along the way:

designjourney

- pg 17 A taster of our upcoming CPDs
- pg 26 Exclusive project case study
- pg 30 Sector in focus:
  Sustainable housing in the wake of Covid
- pg 34 Sector in focus:

  The change in hospitality and leisure
- pg 46 An overview of our offering in multiformat flooring
- pg 137 An introduction to our new interactive tour and tech hub

If you're keen to journey on further, head to our website to read the latest blogs, industry insight pieces with the sector's brightest trailblazers, and project case studies. Visit: www.karndean.com/commercialinspiration



# Design is an

Design in the more holistic sense. Encompassing broader contextual factors: nature, innovation and humancentricity, as part of Karndean's quest, a family owned business, to make a positive impact on the world.

# endless journey

Reaffirms both our and your path to mastery. Underlines our world travel and constant reinvention. Starting from a family home, on the doorstep of the Cotswolds. Reflecting our long-term commitment since 1973 to the design process.

Providing a sense of possibility.

Everything is connected. But also reflects our diverse and ever growing product range, and the continuous endeavors of our product designers.

Available in North America, Australasia, Europe and UK, we are mid journey.





#### Taking steps to a healthy tomorrow

When specifying flooring we understand that sustainability is a key consideration. In a highly connected world, caring for our community and prosperity means also protecting our planet. Through the development of sustainable products and processes, our flooring is manufactured in factories certified to the ISO 14001 Environmental Standard and ISO 9001 Quality Standard. Our products also contain up to 50% recycled material in the backing layers taken from postproduction waste (off-cuts, trimmings and process dust). Almost 100% of this production and post-production waste is then granulated and recycled back into a new plank or tile.

#### Flooring that protects the environment

Our environmental product declarations (EPDs) are product specific type III EPDs with external third-party verification. Both our gluedown and rigid core EPDs feature lifecycle analysis data (LCA) specific to each individual range, and can be used in conjunction with associated LEED and BREEAM projects. It evaluates a product's environmental impact in association with the following potential factors:

- Global warming
- Ozone depletion
- Fossil fuel depletion.

#### Our steps to sustainability:

Sustainable raw materials The PVC in our products is derived from a truly sustainable resource: salt. We also source from ISO 14001/ ISO 9001 certified raw material suppliers where possible.

#### Safe products

All our products are free from:

- Heavy metals and comply with 'REACH' (Registration, Evaluation, Authorisation and Restriction of Chemicals)
- 'BPA' (bisphenol A) and formaldehyde. None of our products are carcinogenic and none contain raw materials which are either reprotoxic or endocrine disrupting.

#### Air quality

Our products have been tested for contribution to indoor air quality and results demonstrate that our products are very low emitting in terms of VOCs (volatile organic compounds), meeting the strictest standards for air quality.

























# IT'S OH SO QUIET...

#### In conversation with Quiet Mark

With Europe experiencing a mass return to its dedicated workspaces, the impact of noise has moved from being a sector hot topic to a critical consideration. Similarly, with the rise in popularity for co-living schemes, with apartments and hospitality areas closely situated (more on this later...) flooring with strong acoustic credentials is a crucial, cross-sector need.

Enter, Quiet Mark: a certification programme, which aims to reduce noise pollution while raising awareness of the health and wellbeing benefits of acoustics. Our Korlok collection, which reduces noise transfer between rooms to 21dB, has been certified with the 'Quiet Mark' accreditation.

Mirroring our dedication to providing flooring solutions that promote the wellbeing of people, is our commitment to contributing to the improved health of the planet.

The Construction sector is responsible for some 40% of the UK's carbon emissions. And so, the application of sustainable building methods, and the sound manufacture and supply of materials, will be instrumental in reaching the Government's 2050 net zero carbon target.

As the commercial interior industry's go-to supplier of design-led flooring, we find ourselves at the centre of the sustainability conversation. This means offering a responsible journey for our clients – which, just as with our designs – is endless. No product end of life. Only re-use and re-purpose.

We acknowledge there is no express lane for the journey to a more sustainable future. But we're dedicated to innovation to accelerate the great strides already being made by our community in shaping a brighter, healthier world for us all.



With this in mind, our commercial sales director, Fleur Carson was recently invited by the chief marketing officer at Quiet Mark, Simon Gosling to discuss our shared sustainability interests and the greater promotion of health and wellbeing. Listen to the podcast now on Apple Podcasts and Spotify.



# SUSTAINABILITY

Continue your professional journey, protecting people, planet and prosperity

Our latest RIBA and SBID approved CPD invites you to explore how the built environment has evolved to become more people and planet-centric than ever before; with sustainability, and health and wellbeing at the core of the design process.

We'll take you through a range of current topics relating to Indoor Environment Quality (IEQ) including:

✓ Indoor Air Quality (IAQ)

✓ Acoustics

✓ Lighting

☑ Biophilic design

Biomimicry as a sustainable solution





This CPD will allow you to better manage these elements in your future projects to improve occupant experience, while reducing environmental impact.

Visit our CPD page for more information, and to book your free place: www.karndean.com/cpd



Design is an endless journey | 17

# WHY KARNDEAN?

## All the benefits of Karndean Designflooring...

From large commercial environments to small residential rooms, at Karndean Designflooring, our vast range of products offer the essential benefits that make our luxury vinyl tiles the perfect choice for any flooring space.







#### Durable

Unlike other flooring alternatives, Karndean gives you the look and feel of natural products but with the durability and resilience of luxury vinyl.



#### Waterproof

Unlike laminate and engineered hardwoods, our floors are impervious to water and will not swell, crack or warp when wet, making them perfect for kitchens, office tea points and washrooms.



#### 100% recyclable

We do everything we can to meet and exceed legislative and environmental guidelines in all regions. All Karndean floors are 100% recyclable and are environmentally friendly.



#### Guarantee

All Karndean floors come with a commercial guarantee of 10-20 years, or other allergens. Our cleaning depending on the product range specified.



#### Hygienic

Our floors don't hold dust, dirt, pollen products also kill 99.9% of germs.



#### Compatible with underfloor heating

For added warmth, our flooring is perfectly suitable for underfloor heating systems up to 27°C.



#### Realistic designs

Inspired by nature, our products are designed in-house and realistically replicate the look and feel of wood and stone materials.



#### Low maintenance

The commercial cleaning and maintenance regime is simple and can be carried out by hand or using a mechanical cleaning apparatus. With Karndean, you don't have to worry about any sanding, refinishing, staining or varnishing either.



#### **Acoustic qualities**

Karndean Designflooring is quieter underfoot compared to most hard flooring alternatives. Our LooseLay and Korlok products come with a backing that reduces noise transfer to rooms below, making it ideal for apartment blocks and any upstairs rooms.



#### K-Guard+®

We use K-Guard+® surface technology for scruff and stain resistance ensuring there is no need to apply an additional surface treatment following installation.



#### Slip resistance

Slip resistant flooring helps to prevent accidents caused by trips, slips and falls in busy environments. Our products have a slip rating of either R9, R10 or R11. See page 142 - 149 for details.



Charlton Hall, Chathill, Northumberland Hospitality | Opus SP115 | SP111









Alliance House

Office | 400m² | Kaleidoscope **VGW85T** | **VGW94T** | **VG5-T** 

#### Case study:

# **WORKPLACE:**

#### Work, from home

The workplace as we knew it was completely flipped on its head last year. Communal offices were temporarily vetoed in favour of home-based working. Kitchen tables, conservatories and sofas all supported us through one of the most challenging collective journeys of our time. So now, as we return to our shared workspaces, we're keen to take some small part of our homes with us.

Sector: Workplace

Client: Thomas & Adamson

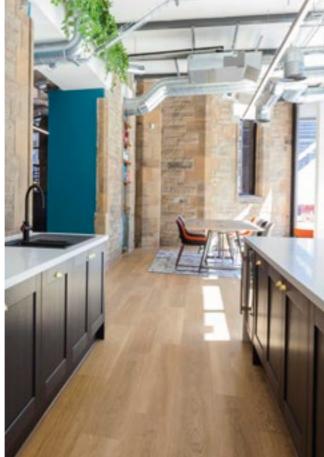
**Designer:** Form Design Consultants Ltd Flooring Contractor: Scotwood, East Kilbride

Photo credits: Mairi Semple

**Area**: 100m<sup>2</sup>











This hasn't gone unnoticed by property and construction consultants, Thomas & Adamson, who wanted to encourage a new way of working with a more flexible mix of home and office in their Edinburgh and Glasgow workspaces. To facilitate this shift to a hybrid working model, they called on the expertise of Form Design Consultants.

Welcoming interiors which would help improve productivity and creativity, while supporting staff wellbeing were top priority. As was taking direction from the hospitality sector in utilising space to assist with socialisation and collaboration. This meant throwing out the traditional workstations of old in favour of private booths, meeting rooms, informal discussion areas and social spaces.

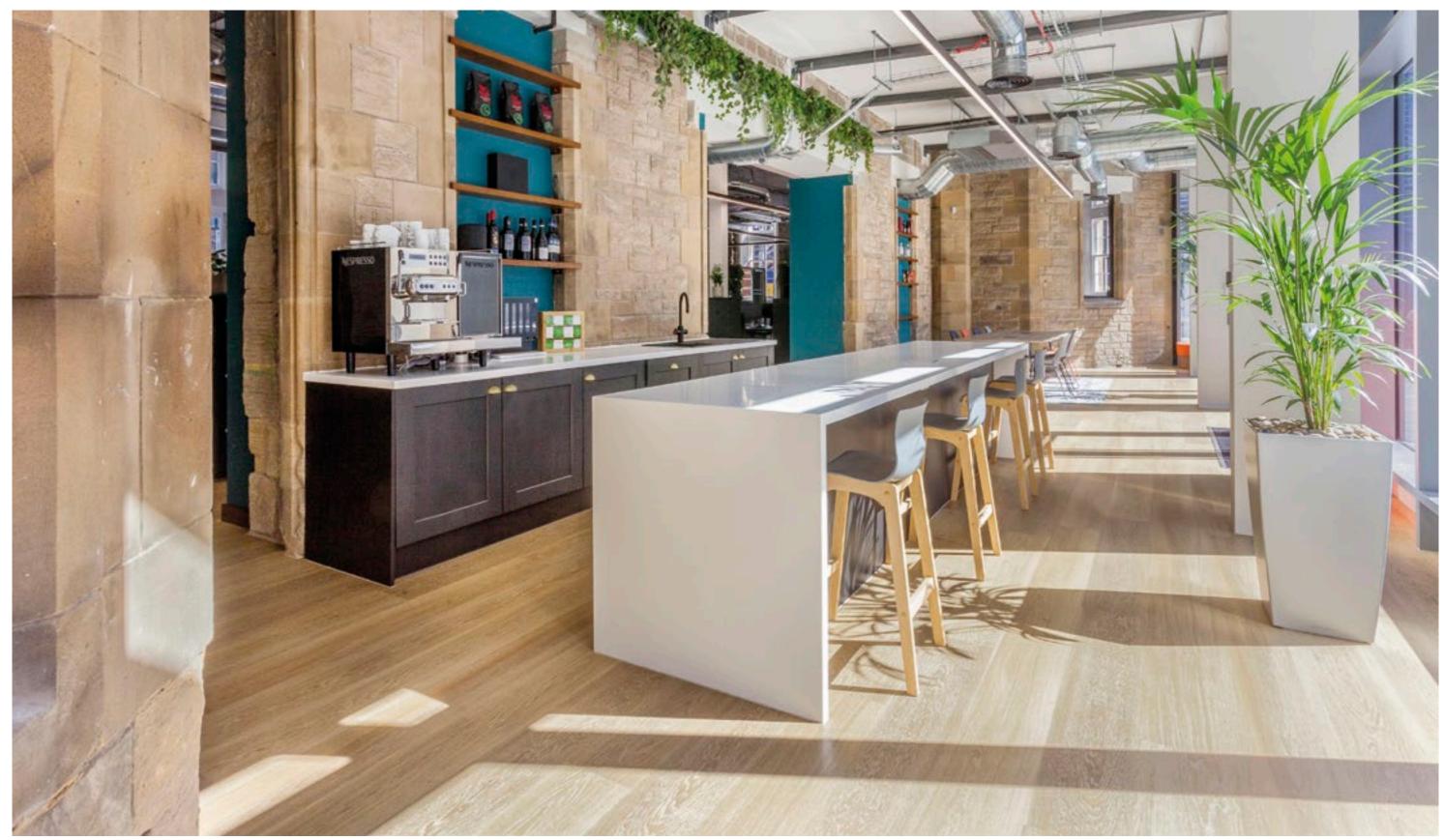
To enhance the workspace visually, Form Design Consultants opted for a bold colour palette, biophilic elements and comfortable yet adaptable furniture solutions. This engaging scheme worked to create contrast against the most industrial features of the existing building.

Continuing with the relaxed atmosphere is the coffee bar, where informal meetings can take place in amongst a calm setting. Filled with natural light, which streams in through floor-to-ceiling windows, a bold teal and orange colour scheme sits alongside the delicate golden sand tones and subtle grain textures of Warm Brushed Oak flooring from our Van Gogh rigid core range, taking the edge off the surrounding stonework and industrial metallic pipework.

"Getting the floor right was key to the whole scheme. The Van Gogh range offers a wide colour choice, and we were immediately drawn to the authentic colour and design of Warm Brushed Oak. It complements the stone walls beautifully!"

"The Van Gogh rigid core range offered the acoustic performance we needed for a busy social space and has produced a very quiet floor to walk on. The rigid core format ultimately gave us a fast installation method and also future proofs the building, making further reconfigurations simpler." - Katherine Gibson, senior interior designer at Form Design Consultants Ltd.

A combination of all the benefits of a shared workspace, without forgetting the supportive and comforting touches of home, Form Design Consultants has created a contemporary workspace that's completely reflective of what's needed for the here and now.



**Thomas & Adams**Office | 100m² | Van Gogh **VGW121T-RKP** 

#### Sector in focus:

# **CO-LIVING**

#### Sustainable housing in the wake of Covid

The residential sector is undergoing an overhaul. Reports that the construction industry contributes to 39% of the UK's total carbon emissions, paired with the government's commitment to being the first major economy with net zero emissions by 2050, certainly provides a sector wake-up call. Changes must be made. And they must be made



Gramercy House Apartments
Residential flats | 1100m<sup>2</sup> | Korlok **RKP8105** 

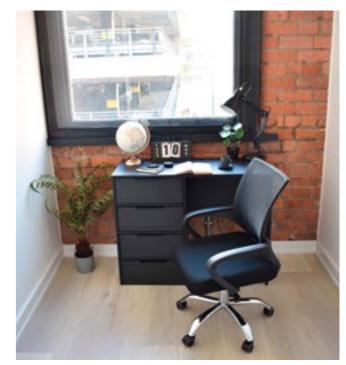
But there are solutions. Modular building projects are fast gaining popularity thanks to their cost efficiency and speed of delivery. These builds have had the backing of the government's **Build Back Better** initiative, set up to fuel economic recovery following the Covid-19 pandemic. With ambitious targets set for 2030, innovative building solutions must be adopted in order to meet them. And modular building technology fits the bill. As well as meeting homeowner and renter demand, energy use can be reduced by 67%, and waste by up to 90%.

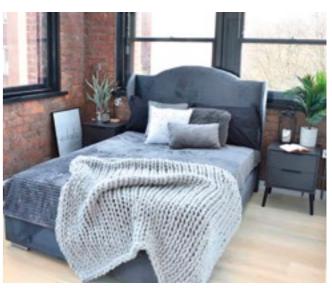
Because the modules are fabricated in factory production lines before being assembled on-site, quality and safety are assured while costs are kept to a minimum thanks to the efficient use of materials. This forward-thinking approach can help reduce build time, and delays due to adverse weather, plus requires fewer site deliveries to minimise disruption for the local community and save on emissions.

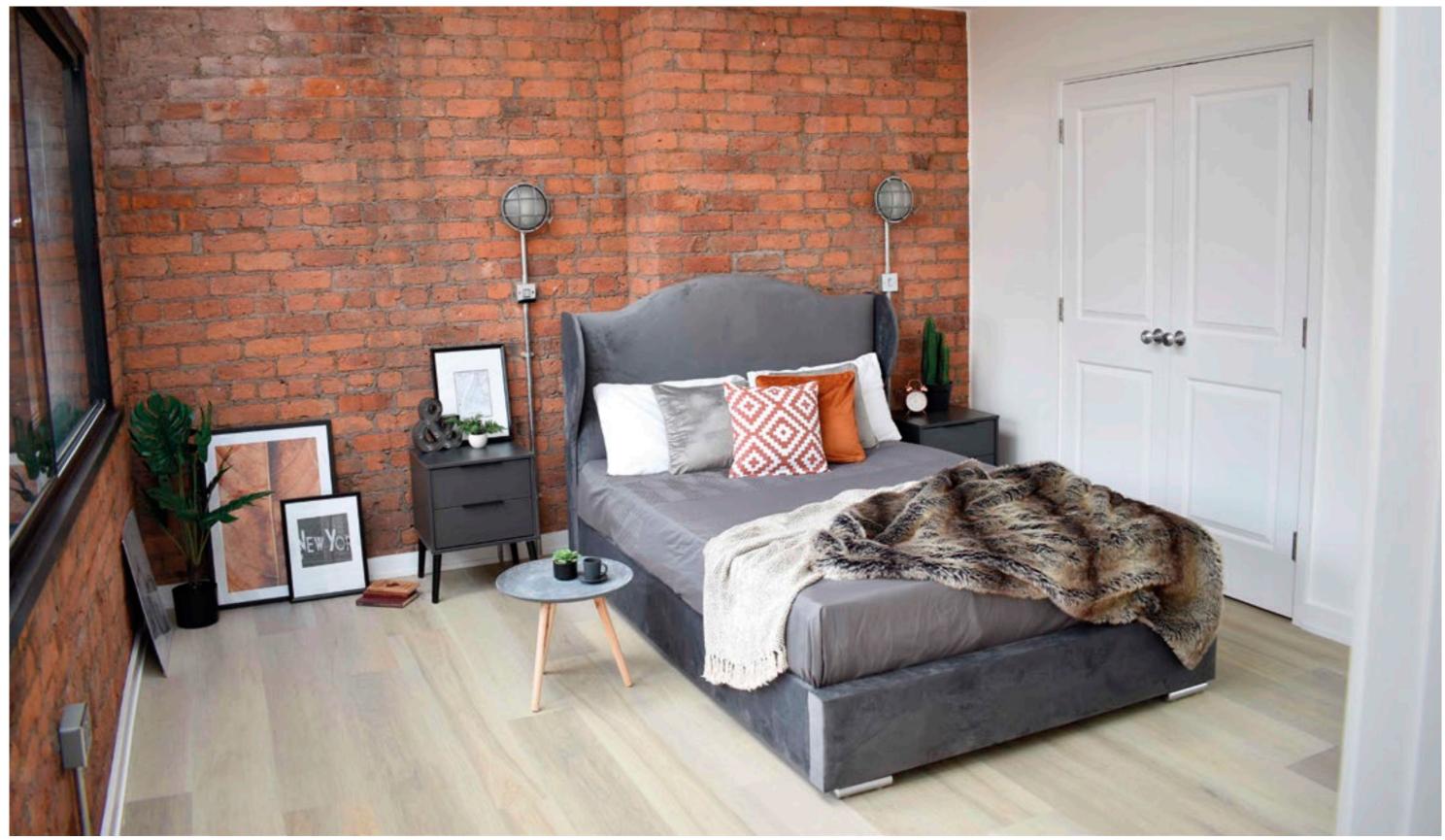
When it comes to furnishing modular housing projects, commercial interiors' partners must be able to deliver the same level of ease and efficiency in their products. With its innovative format featuring our K-Wave® friction grip for quick and easy installation, without the need for adhesive, specifying Karndean LooseLay can help meet tight project deadlines, budget constraints and IEQ requirements. All while sporting a stunning natural aesthetic. Post-installation, planks can simply be lifted to access underfloor utilities or for reuse in another project.

As with our popular rigid core products, loose lay has a pre-attached acoustic backing to manage noise pollution - reducing noise transfer to the floor below by 13dB. It also contains recycled content.

Though the government's targets are ambitious, the latest IPCC report has shown that they are entirely necessary. By embracing people-centric, sustainable design, modern methods of construction and innovative materials, we can be confident that the construction industry will not only be able to meet the challenging targets for environmental impact, health and wellbeing and carbon emissions in the short-medium term, but will build a long-term future where both people and nature will not only survive, but thrive.







**Gramercy House Apartments**Residential flats | 1100m² | Korlok **RKP8105** 

#### Sector in focus:

# HOSPITALITY & LEISURE

#### The great diversification

Perhaps one of the most surprising outcomes of the pandemic-fuelled lockdowns has been connectivity. Although being forced to stay apart physically, emotionally, we've never been more together. And this hasn't simply been an 18-month trend, it's affected us for good.

Back in 2020, the Deloitte Global Millennial survey showed that Gen Z and Millennials were keen to support their local communities and the businesses within them, to make a positive impact. As a result, hotels, restaurants and bars have required a period of reinvention. Facing the toughest of the government restrictions, the hospitality sector has had to think on its feet. Single-use spaces have diversified. And multi-use environments have expanded their offerings to serve more of their community members.

Enabling true connection between the built environment and its local surroundings is the sensitive renovation of heritage architecture. By opting for characterful designs that complement and reflect the history of the building, designers are creating future-facing projects with the needs of the current, post-Covid consumer firmly in mind.

This was certainly the case with the Signature Spa in Aberdeen. Situated in a former university building, the facilities attract both leisure and business guests as well as local residents. Ensuring this was at the heart of the project, Lorna Gillespie, the Sanderman Hotel Group's in-house interior designer developed a scheme with a contemporary Scottish feel that reflects the spectacular local countryside as well as the architecture of the historic city. It was key for guests to really feel as though they were in Scotland.



Signature Spa Hospitality & Leisure | 224m² | Van Gogh **VGW86T** 

Appointed architect and design consultant ICA took a similar approach for the design of the Aberdeen Altens Hotel. Lauren Hughes-Glass, Associate at ICA Said: "The customers had to feel relaxed and at home with careful definition of spaces to create some intimate private spaces, alongside places for larger groups to eat, rest, drink and have fun."

The modern, well-equipped business and conference centre's welcoming interior, with a home-from-home feel, offers a reassuring atmosphere where people can concentrate on work but also take time out to relax with colleagues. With facilities on site such as a cafe, restaurant, bar, gym and garden, these working periods also support employees' physical and mental health.

The multi-use concept doesn't just apply to large developments. The Swan, located in the village of Banton, North Lanarkshire, is a thriving shared community enterprise. Owned and run by local people, the restaurant, shop, café and bar all provide a popular meeting destination in the heart of the village.

The appointed consultant Bruach Design and Consultancy involved the whole community when creating the social hub in order to meet the needs of a modern village community, while reflecting the environment and history of its rural location.

Whether big or small, metropolitan or regional, spaces are having to work harder to serve their communities. With people craving the personal touch, the need for designers to mindfully select their materials and products to imbue a sense of true connection is vital. Now more than ever before.



The Aberdeen Altens Hotel
Hospitality & Leisure | 339m² | Knight Tile SM-KP99



The Aberdeen Altens Hotel Hospitality & Leisure | 339m² | Knight Tile **SM-KP99** 

# **SECTORS**



#### Retail

The future of retail depends on facilitating a stellar customer experience. Something shoppers cannot attain through an online transaction. To aid in this, we offer a vast selection of flooring styles that allow for the creation of zoning and wayfinding. Not only do the collections afford unparalleled aesthetics, but they also ensure all functional requirements are met; helping to guide consumers throughout a space safely and efficiently. Try Kaleidoscope, for complete customisation. It offers maximum flexibility with a wealth of fully bespoke tones and textures.

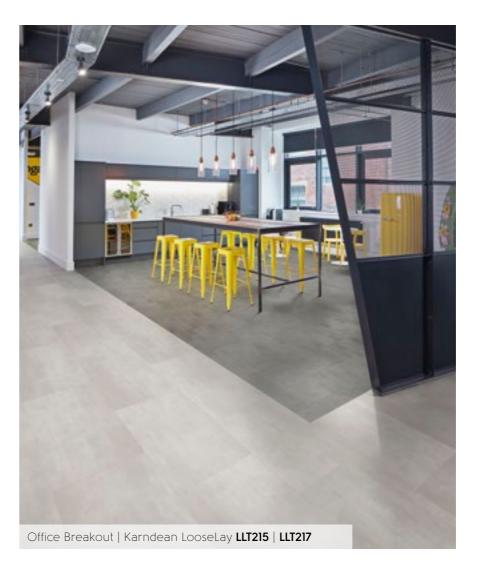
#### Healthcare

Interiors in the healthcare sector impact hugely on the wellbeing of those using the space. From a practical point of view, cleanliness and durability are, of course, vital. But when considering the complex needs of the combined patient or resident-base, visual design also plays a crucial role. Contributing to a calm, comfortable environment are our specialist flooring ranges: durable, simple to maintain and safe. Use our Light Reflectance Values (LRV) Guide to explore products such as Opus Enhance, which has a slip resistance of 36+, making it ideal for care homes and assisted living facilities.



#### Office

Workspaces are for thought, discussion and creativity. And their interiors must encourage this. Whether the reception, boardroom or breakout area, comfort, inspiration and practicality should come as standard. Our Looselay products have been created with these factors in mind. Offered as individual planks, easy access is allowed to underfloor panels. Extra quick installation also contributes to reduced business downtime. Pair with carpet tiles for a contemporary scheme that's as functional as it is strong in form.



#### **Education**

An educational setting should be a hive of inspiration, encouraging the next generation to go forth and make their mark on the world. With expectation at the core of a university, college or school, it's important for designers to have some fun when it comes to the building's interiors. Bursting with colour, shape and expressive design, our gluedown products offer complete flexibility to encourage learning, development, and, most importantly, creativity. Want to incorporate your client's logo into your bespoke design? No problem. Are you up against high footfall? Durability comes as standard.





#### Hospitality & Leisure

If outstanding design wasn't already expected from the hospitality and leisure sectors before the pandemic, it certainly is now. After 18 months staring at the same four walls, customers are chomping at the bit to visit their local restaurants, bars and hotels. Such a captive audience deserves special attention to detail. A strong sense of style, impeccable hygiene and a flawless finish. Our rigid core products offer a contemporary aesthetic, acoustic benefits of up to 21dB and speedy installation – ideal for use in hotel rooms. For premium venues, our Art Select collection amps up the luxury.

#### Living

The residential sector now spans many avenues. From build-to-rent to student accommodation, aged living to multi-generational complexes, and co-living to brand new, from-scratch developments, there are many factors to consider when it comes to specifying the interiors. Regardless of the build specifics, a quality flooring supplier is imperative to the overall success in attracting buyers or renters. Allowing for versatility and longevity is our multiformat offering. Select on a design-first basis, safe in the knowledge that strong functional performance comes guaranteed.



# FORMS FUNCTION

We understand that every project is different. And as such, every flooring requirement is unique. To ensure you find exactly what you need, we offer a range of formats, including multiformat products and a bespoke cutting service. From gluedown, to loose lay and rigid core, select from a multitude of sizes and shapes – both form and function assured.

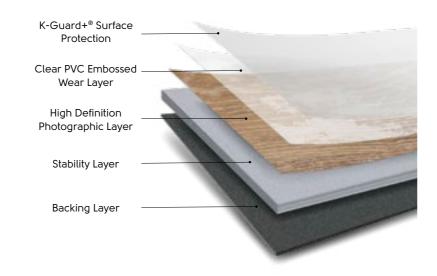
# **FORMATS**

We offer three types of product: gluedown, loose lay and rigid core.

#### Gluedown

Our gluedown ranges offer our widest choice of colours and formats. Features such as textured emboss or our premium handscraped finish, wide bevels or flat edges make each range unique to Karndean Designflooring.

We offer a wide selection of sizes: from the 228 x 76mm planks of Art Select parquet to the extra large 1219 x 228mm planks in the Opus range. Plus, tiles ranging from 305 x 305mm squares in Knight Tile to Opus's large 457 x 610mm.

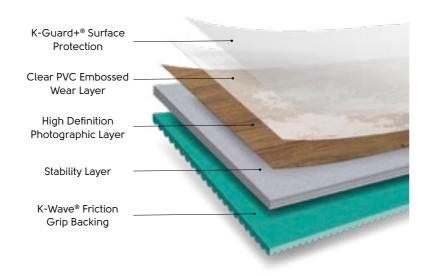


#### Loose lay

Karndean LooseLay features our K-Wave® friction grip backing which helps hold the product to the subfloor without adhesive, making it quick and easy to install.

Ideal for underfloor access panels and temporary roomsets, each plank can be lifted individually where required.

Karndean LooseLay | 1050 x 250mm, 500 x 610mm Karndean LooseLay Longboard | 1500 x 250mm

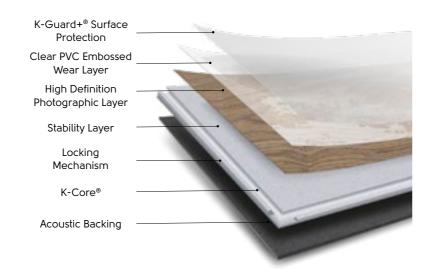


#### Rigid core

Our rigid core ranges are ideal for installations where acoustics, uneven subfloors or preservation of existing hard floors need to be considered. A click-locking mechanism allows for quick installation and the preattached backing eliminates the need for a separate underlayment.

Korlok | 1420 x 225mm, 457 x 600mm

Van Gogh | 1220 x 180mm, 1420 x 225mm, 708 x 177mm







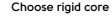
# **MULTIFORMAT**

## Be led by design with our Van Gogh multiformat products

Discover our multiformat designs now available in both a gluedown and a rigid core format. With the integration of rigid core technology into a selection of designs, specifiers and designers now have the flexibility to use the same colour but with a choice of format that's suitable for the environment.

#### Choose gluedown

With our gluedown range the design possibilities are endless. Choose from 30 different shades in a range of sizes, or create something completely unique by using our bespoke cutting service. Using this service, our portfolio of designs can be combined with different shapes, sizes and colours to achieve a statement look that's personal to the space or project.



Explore our 16 rigid core designs enhanced with K-Core® technology. Providing faster installations and reducing business downtime, this technology enables our rigid core range to be fitted over most existing hard floor surfaces. K-Core® further provides excellent acoustic properties, helping to reduce noise transfer to room below by 21dB.



Use our cutting service to create a bespoke look.

Available in a wide range of

designs, colours, textures

and sizes.



With gluedown, there's no need for an expansion gap.



Quick and easy to install.



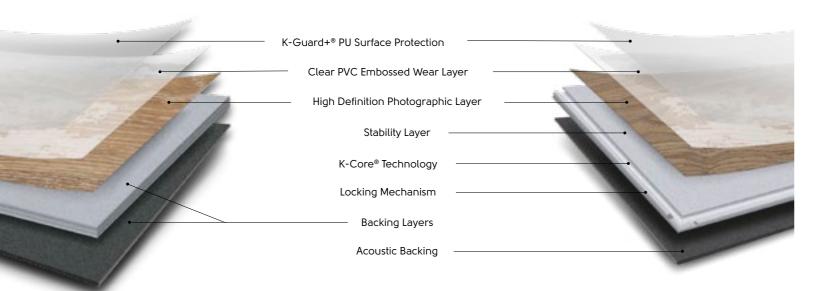
Reduces noise transfer to storey below by 21 dB.

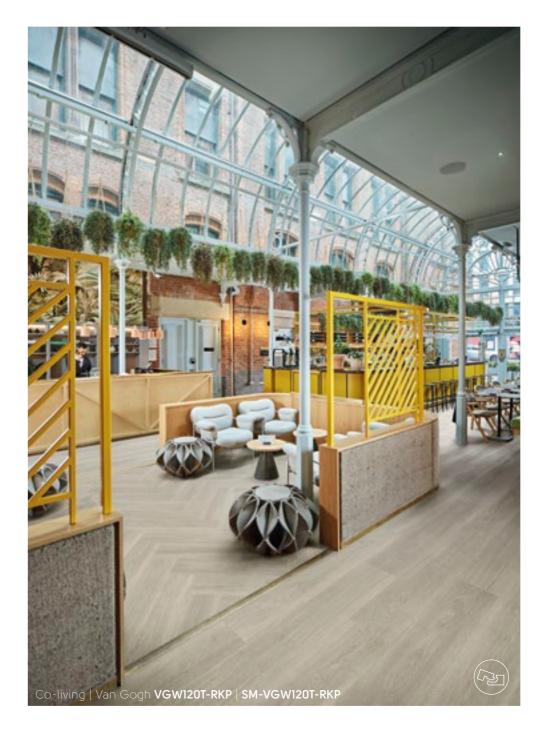


Rigid core is suitable for subfloors that are <95% RH, helping reduce moisture.



Hides subfloor imperfections.







For flexibility in fixing types, a selection of our Van Gogh products are now available in a rigid core format. Look out for the rigid core icon to see which of these designs are available in both a gluedown and a rigid core format.

# **OUR COLLECTIONS**

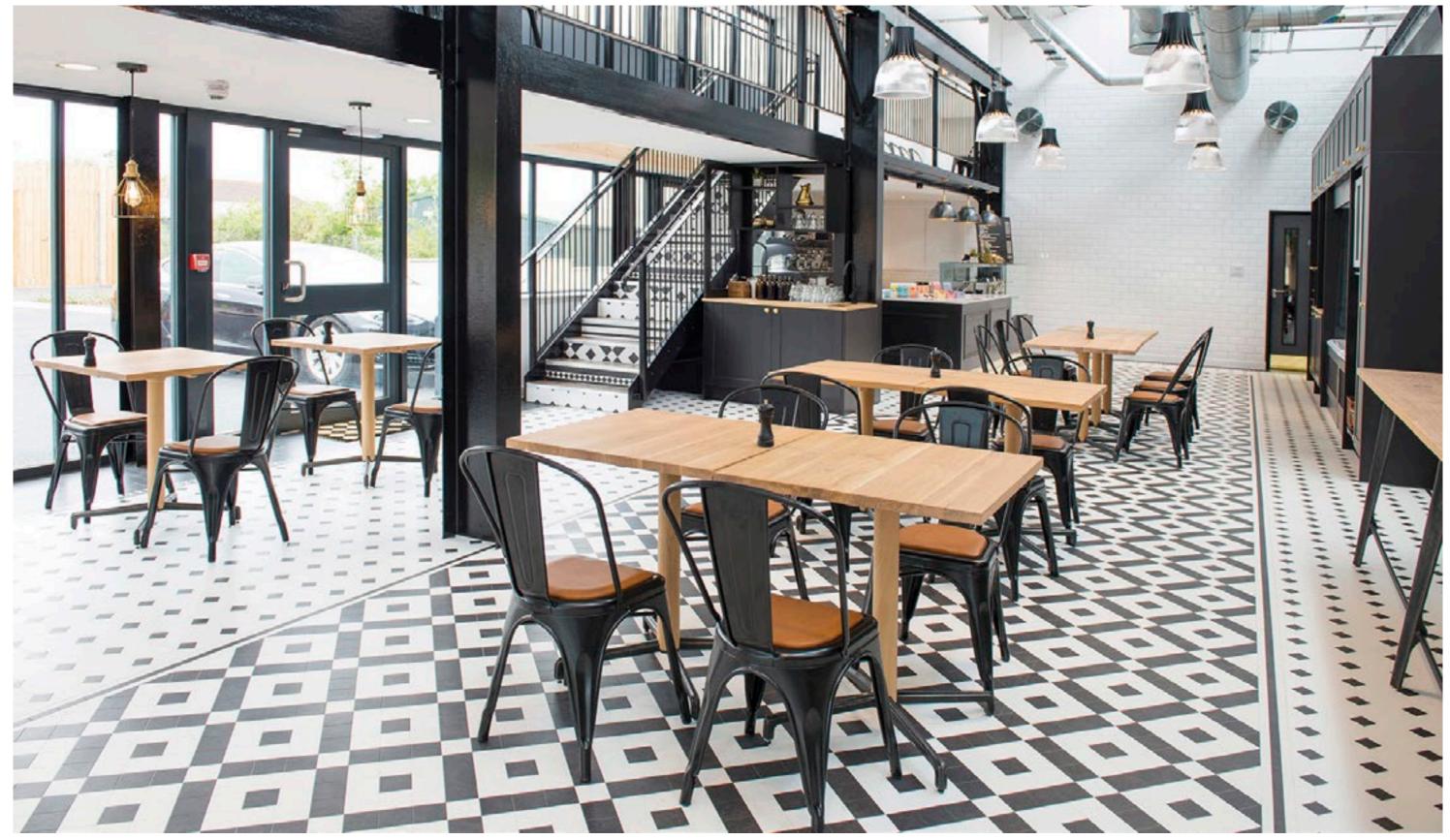
Featured below is a quick reference guide including key product details like different size and style variants on offer. See our product format section on page 44 for more information.

Range	Commercial Guarantee*	Bevelled Edge	Plank Size (mm)	Tile Size (mm)	Thickness (mm)	Wear Layer (mm)
			228 x 76			
			915 x 152			
			1219 x 178	406 x 406		
OLUE	20 years	Standard	114 x 114 / 305 x 76	457 x 610	3	0.7
Art Select			1420 x 228	915 x 915 <sup>†</sup>		0.7
			457 x 76	152 x 915		
			114, 152 and 228 widths in various lengths			
Da Vinci	20 years	Standard	915 x 76	406 x 406 305 x 457	3	0.7
			1219 x 178			
GLUEDO	15 years	Micro	1422 x 228	N/A	3	0.55
Van Gogh	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		711 x 177			
짜			1220 x 180		5.5	
Van Gogh	15 years	Micro	1420 x 225	N/A	6.5	0.55
m			708 x 177		6.5	
φ.	15 years	Micro	915 x 102	457 x 457		
LUEDOW			915 x 152	457 x 610	2.5	0.55
Opus Z			1219 x 228	76 x 457		
em.	15		915 x 152	457 (10	0.5	0.55
Opus ENHANCE	15 years	Micro	1219 x 228	457 x 610	2.5	
			915 x 102	205 205		0.3
LUEDOV	10 years**	No	915 x 152	305 x 305	2	
Knight life >			457 x 76	305 x 457		
ପ୍ର						Solid colours: 0.5
Heritage Collection	15 years**	Standard	Various	Various	2.5	Opus: 0.55
Kaleido SCOPE	10 years**	Kaleidos	er 100 different colours to cha cope product will depend on er details.			specification for your
_ [5]			1050 x 250			0.55
Karndean LooseLay	15 years	No	1500 x 250	500 x 610	4.5	
REGIDION CORRESPONDE	15 years	Micro	1420 x 225	457 x 600	6.5	0.55



Farfetch Headquarters, Shoreditch, East London Office | 3,500m<sup>2</sup> | Karndean LooseLay **LLT201** 

<sup>\*</sup> Subject to terms. Please see our website. \*\* Commercial Light Duty use only.
† Each panel is created from nine assorted tiles with design strips. Offsetting tiles are also included to create a natural look.



Tool & Gauge Kitchen, Somerset

Hospitality & Leisure | 108m² | Heritage Collection LANS01 | MONT-01

# **BESPOKE**

Our brochure offers infinite shape, size, colour and texture combinations to achieve a statement look that is individual to your project. Embracing the versatility of our flooring, your design can reflect the uniqueness of the local environment. Incorporating design references to the story of the locality will support the conservation of regional history and culture to create an emotional connection with local residents and visitors.



#### Design features

For the commercial project that requires an extra level of personalisation, check out our custom design service. Whether you have a company logo that needs replicating, a name to incorporate into the floor or a special design to produce, we can help to bring your ideas to life.

#### Custom cutting service

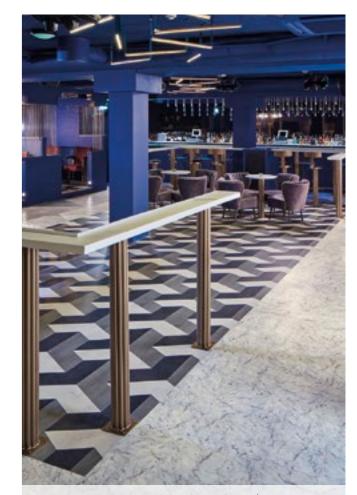
Design the floor you want with our in-house custom cutting service. Incorporate a logo, motif, or an additional design element to enhance your flooring pattern making it personal to your project. Whether it's a special cut, or a case of swapping colours out from a pre-set pattern, like our Heritage Collection, the options are endless. For more information on this, speak to your local commercial specification manager



Creating a unique combination of designs can bring a modern interpretation of traditional style to your project. For example, why not mix and match a rich oak design with contemporary grey slate in a bold geometric pattern to give character and quirkiness to your space.

Our range includes highly realistic wood and stone designs as well as designs inspired by metallics, concrete and geometric tiles. With Karndean flooring, you can combine stone and wood designs and lay these next to each other without any issues with gapping or lipping.

Flexible and versatile, our flooring will complement and enhance your interior design, helping you to create inspirational spaces that will 'wow', intrigue and inspire social sharing.



Kaleidoscope Pennon: **SP111, SP114, SP213** | Knight Tile **T90** 



# **COMMERCIAL**ENVIRONMENTS

View our ID Video for more information about zoning. Visit karndean.com/ commercialidentity

At Karndean, we understand the need to create a commercial environment that not only leaves a lasting impression, but also creates a space that will promote constant engagement. Below we explore a range of techniques that can be created using our designs:

#### Zoning

Our wood and stone designs can be fitted alongside other flooring types, such as carpet, to create zones and areas of interest. In healthcare, for example, zoning will help to provide necessary colour contrast for the visually impaired to distinguish one key area from another.

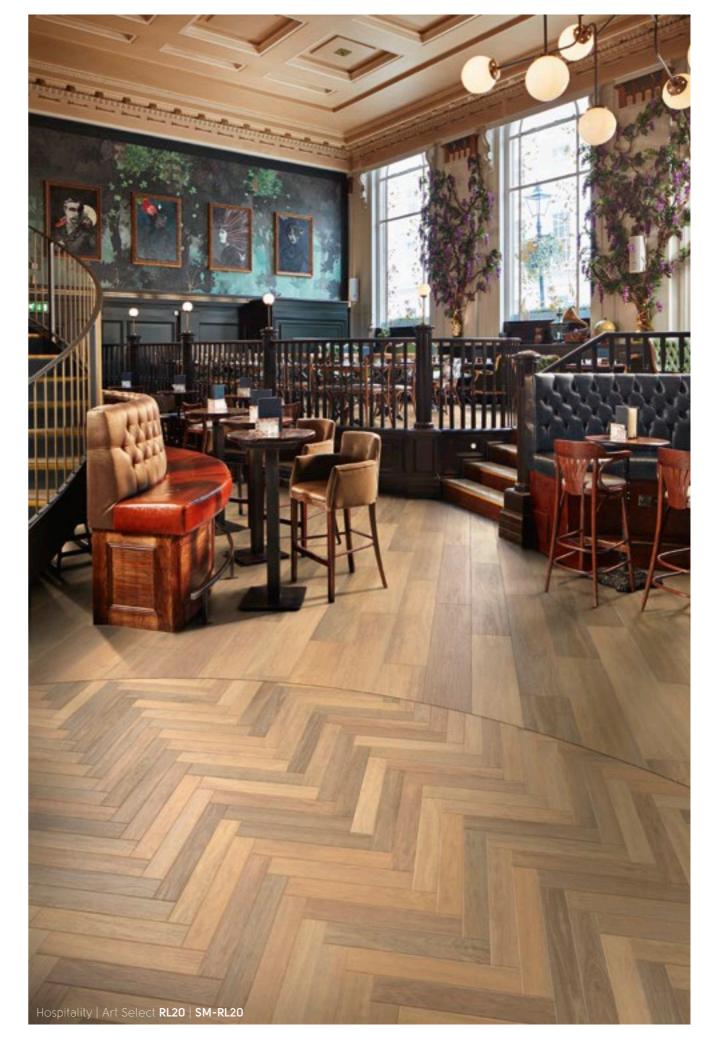
#### Wayfinding

The unparalleled flexibility of our flooring allows you to add walkways that will improve customer, resident, or employee traffic flow. In retail, it is beneficial to create paths in the floor to lead customers around the store towards promotions, and in any other direction you wish to send them.

#### Blending

Match texture and colour to create a tonally blended floor. You can use this technique to update an existing floor without having to replace every plank or tile. To ensure design compatibility, select planks or tiles from the same collection to achieve a look that is both impressive and unique.







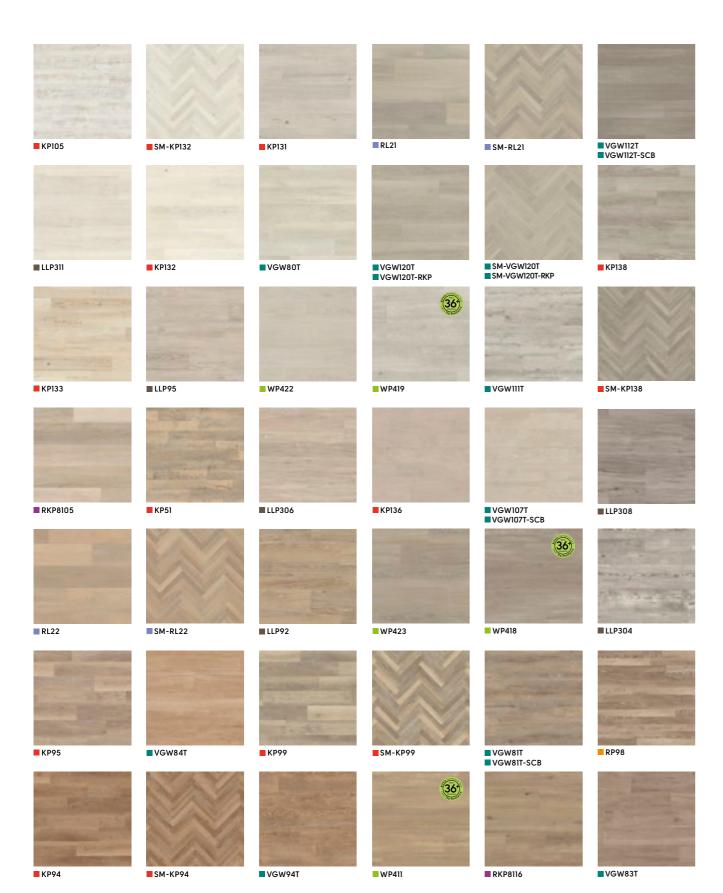
# PRODUCTS

Meet our products 'at a glance'. Each has its own story to tell, and functional characteristics to suit all project requirements. Be inspired by colour, pattern and lay design. And discover technical specifications from size to thickness, slip resistance to acoustic properties, and sustainability credentials.

# WOOD AT A GLANCE

## (all product formats & ranges)

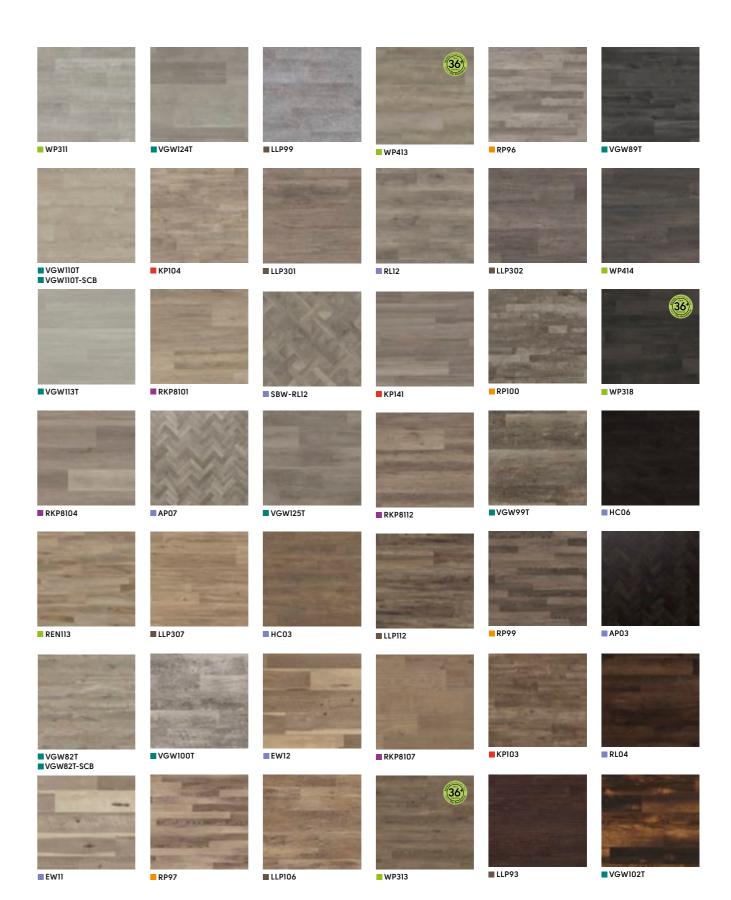
■ Art Select | ■ Da Vinci | ■ Van Gogh | ■ Opus | ■ Knight Tile | ■ Karndean LooseLay | ■ Korlok





#### Opus Enhance

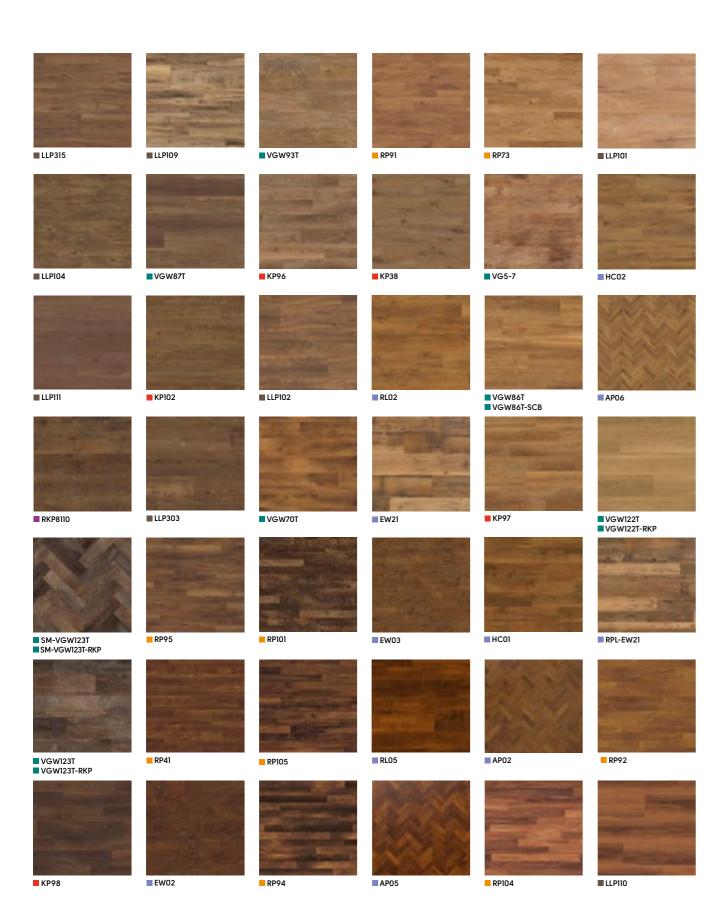
A number of our Opus products are available with an enhanced finish and rougher surface texture, specifically for use in commercial areas. Look out for the 36+ logo on relevant products. See pages 100 and 104 for details.



# WOOD AT A GLANCE

## (all product formats & ranges)

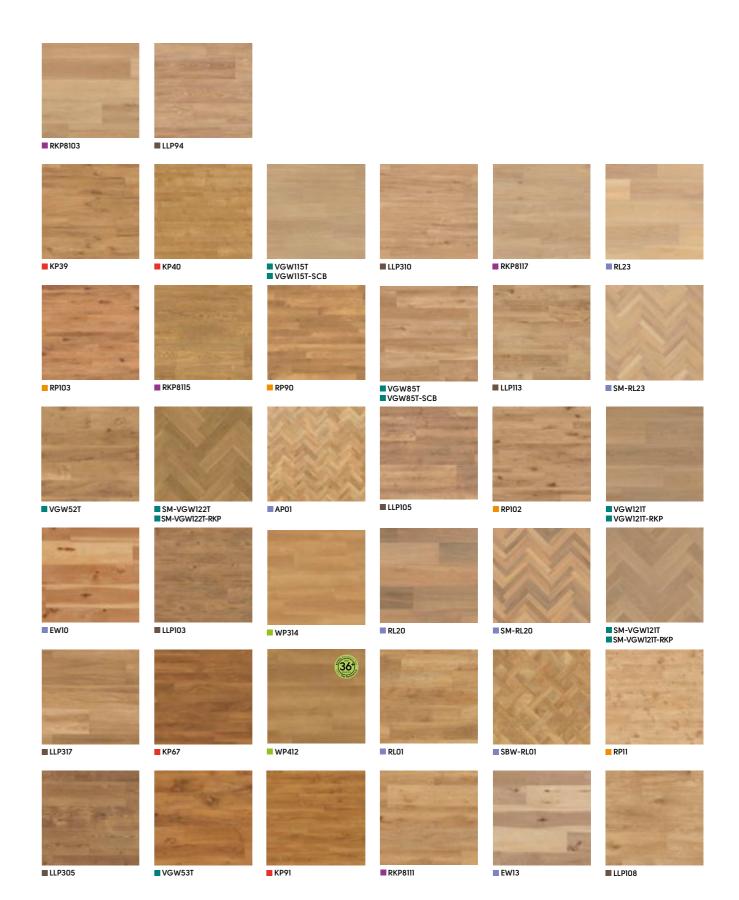
■ Art Select | ■ Da Vinci | ■ Van Gogh | ■ Opus | ■ Knight Tile | ■ Karndean LooseLay | ■ Korlok





#### Opus Enhance

A number of our Opus products are available with an enhanced finish and rougher surface texture, specifically for use in commercial areas. Look out for the 36+ logo on relevant products. See pages 100 and 104 for details.



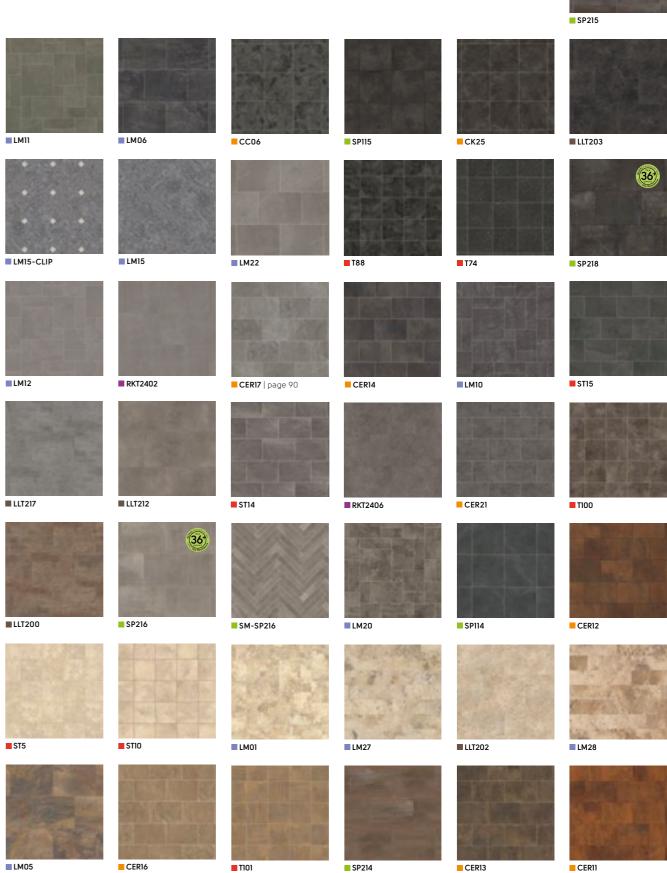
# STONE AT A GLANCE

# (all product formats & ranges)

■ Art Select | ■ Da Vinci | ■ Opus | ■ Knight Tile | ■ Karndean LooseLay | ■ Korlok







# ABSTRACT AT A GLANCE

# (all product formats & ranges)

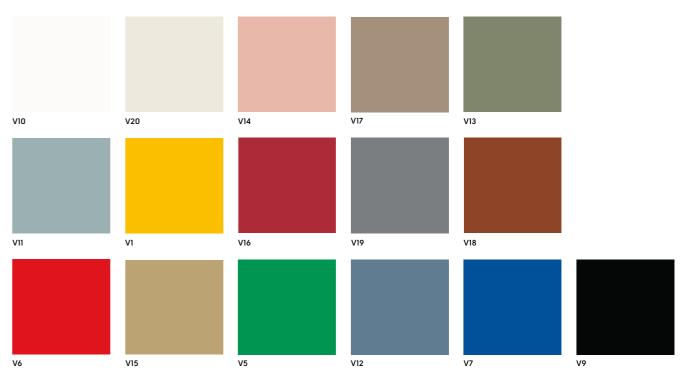
■ Heritage Collection | ■ Kaleidoscope



■ Heritage Collection



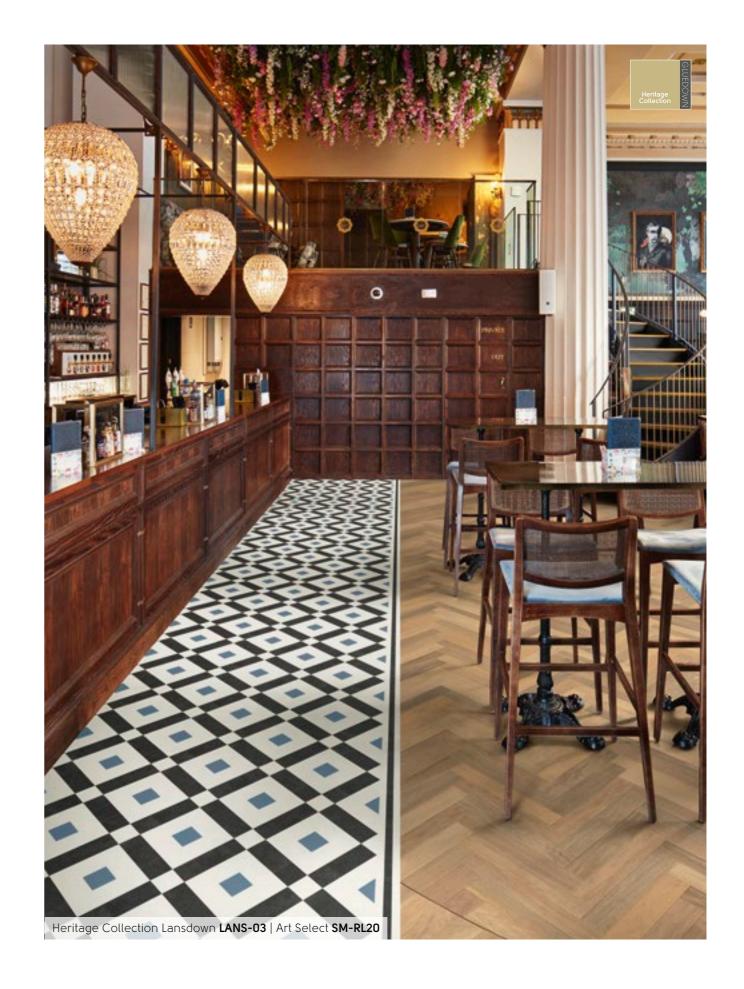
#### Solid Colours



# HERITAGE COLLECTION

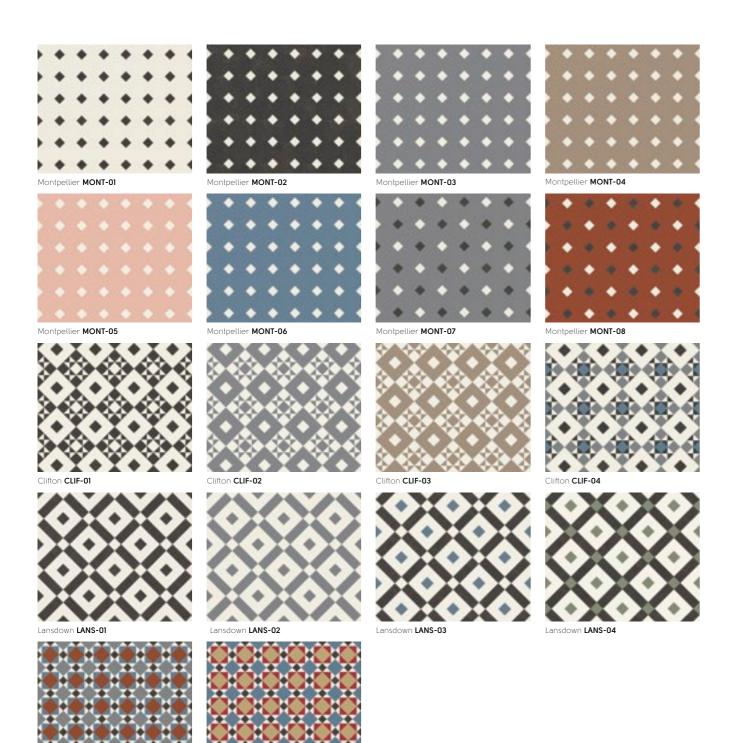
Designed to give the opulent look of classic geometric tiles, the Heritage Collection features striking monochrome designs and beautifully blended traditional patterns. The collection reflects both the classic elegance of Victorian and Regency buildings, and the boldness of contemporary trends. Ideal for recreating the original character of elegant period interiors or for a contemporary statement look, the collection features a tasteful mix of shades that can be used to create a totally individual look.





# AT A GLANCE





Mayfair MAYF-02

		Standard	Result	
	Size	EN ISO 24342	Various	
- ×	Thickness	EN ISO 24346	2.5 mm	
×	Wear layer	EN ISO 24340	Solid colours: 0.5 mm Opus: 0.55 mm	
	Surface treatment		K-Guard+® PU coating	
_		Light industrial	15 years	
	Guarantee*	Commercial	15 years	
		Residential	Lifetime guarantee	
	Bevelled edge		Standard	
* S	Slip resistance**	DIN 51130 EN 13893	See pages 142 and 144	
_		Karndean Universal	Yes	
		Acrylic	Yes	
8	Adhesive	Ероху	Yes	
		High Temperature	Yes	
		Pressure Sensitive	Yes	
	Recycling		Suitable	
2	Phthalate free		Yes	

<sup>\*</sup> Subject to terms. Please see our website.

Create a bespoke statement floor with any combination of colours, or combine with full-sized Karndean wood planks or stone tiles to create a focal point in any room. Use any combination of the 12 colours to design a floor that is totally unique.

#### Solid colours

Product Code	LRV
VII	41
V12	21
V13	24
V14	52
V15	36
V16	13
V17	29
V18	12
V19	24
V20	71

Opus

0,000	
Product Code	LRV
SPIII	66
SP115	8



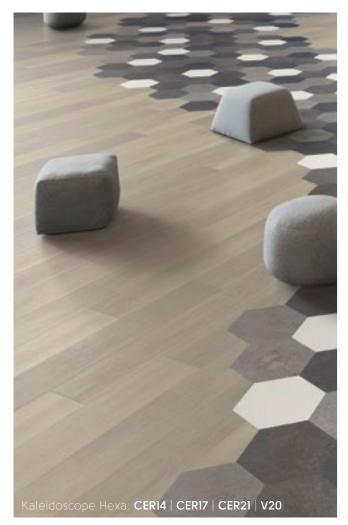




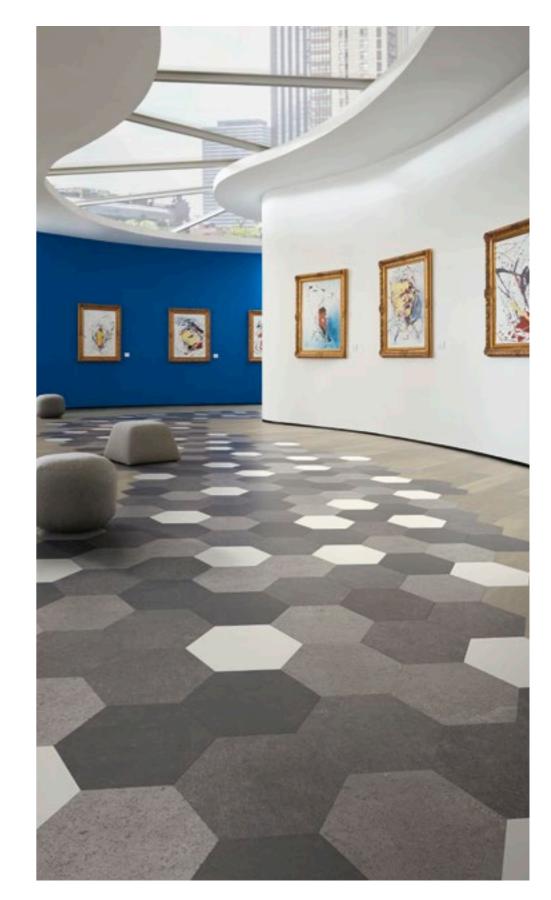
# KALEIDOSCOPE



Kaleidoscope is a unique collection of wood, stone and block colours available in eight geometric designs including Cubix, Pennon and Apex. Our Kaleidoscope palette of wood, stone and solid colours can be cut in a number of popular shapes and patterns, offering the design community unparalleled flexibility at the point of specification.







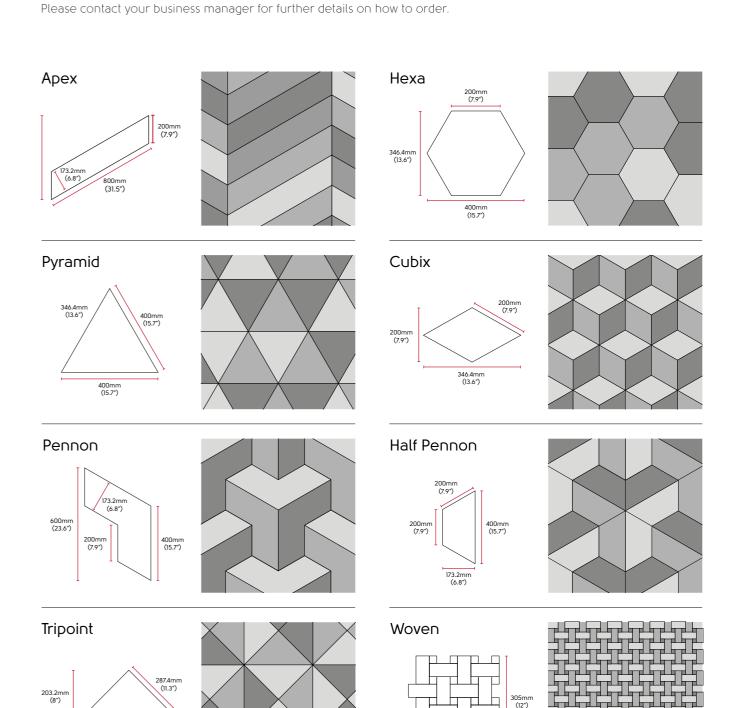
#### Set designs

Kaleidoscope 'off-the-shelf': We also offer a range of 16 specially selected Kaleidoscope products which have smaller dimensions and shorter lead times to suit smaller spaces.



#### Customised designs

Individual shapes are cut from original Karndean products so that they retain our authentic designs and key technical specification including slip resistance, wear layer and light reflectance value (LRV). With over 100 different colours to choose from, the precise technical specification for your Kaleidoscope product will depend on your final selection.





### KALEIDOSCOPE AT A GLANCE

#### What we can cut from...

We have an impressive palette of wood, stone and solid colour designs to choose from, all cut from our individual planks and tiles, and available in a variety of thicknesses including 2mm, 2.5mm and 3mm.

#### Art Select 3mm | pg 80



#### Da Vinci 3mm | pg 88



\*High variation product

#### Van Gogh 3mm | pg 96



#### Opus 2.5mm | pg 102



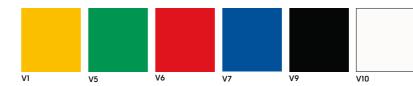
#### Knight Tile 2mm | pg 110



#### Solid Colours

#### 3mm Solid Colours | pg 142

These can be used with Art Select Da Vinci and Van Gogh.



#### 2.5mm Solid Colours | pg 71

These can be used with Opus.



#### Heritage Collection pg 71



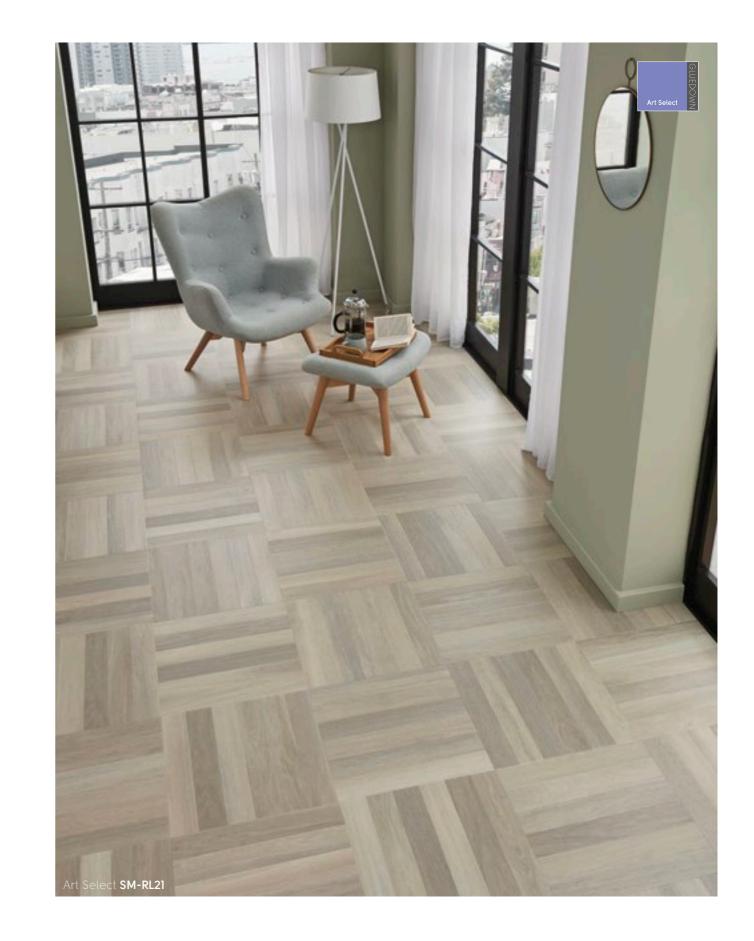
\*\*Also available in 3mm depth. ^Also available in 2.5mm depth. ^Also available in 2mm depth.

# ART SELECT WOOD

Our premium Art Select wood collection is made up of our most intricate designs combined with detailed embossing techniques and elegant bevelled edges. We've taken inspiration from reclaimed timber native to the American Midwest and oak sourced from the ancient forests of Europe, to produce a collection that embodies luxury, sophistication and versatility.









Handcrafted 915mm x 152mm (36" x 6")



Hickory Nutmeg EW03

1420mm x 228mm (56" x 9")



Vintage Hickory EW12

Reclaimed Chestnut **EW21** 

Classic Hickory EW13

114mm, 152mm and 228mm (4.5", 6" and 9") widths in various lengths



80 | Karndean Designflooring Commercial

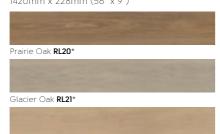
Oak Royale 1219mm x 178mm (48" x 7")



Winter Oak **RL04** Spanish Cherry RL05\*

Storm Oak **RL12**\*

1420mm x 228mm (56" x 9")



Savannah Oak **RL23**\*

Mountain Oak RL22\*

Oak Premier 915mm x 152mm (36" x 6")



Parquet 228mm x 76mm (9" x 3")





Black Oak **AP03**\* Morning Oak **AP06**\*



457mm x 76mm (18" x 3")









Parquet

Mountain Oak **SM-RL22**\* Savannah Oak **SM-RL23**\*





	Standard	Result
Size	EN ISO 24342	See page opposite
Thickness	EN ISO 24346	3.0 mm
Wear layer	EN ISO 24340	0.7 mm
Surface treatment		K-Guard+® PU coating
	Light industrial	20 years
Guarantee*	Commercial	20 years
Daniella dia dan	Residential	Lifetime guarantee
Bevelled edge	FN 100 00007	Standard
Mass	EN ISO 23997	5015 g/m²
Standards	EN 649 / EN ISO 10582	Pass
	EN 685 / EN ISO 10874:	42 11 11 11 11
Classification	Light industrial Commercial	43: Light industrial heavy 34: Commercial very heavy
	Domestic	23: Domestic heavy
Reaction to fire	EN 13501-1	B <sub>n</sub> -sl
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥6
	EN 649	Group T
Abrasion resistance	EN 150 10582	Type 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	Pass
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_w = 2 dB$
Electrical behaviour body voltage	EN 1815	Pass
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0147 m²K/W Suitable for underfloo
mermat resistance	130 0302	heating. Max 27°C
Slip resistance**	DIN 51130	R10/R11***
oup i colorance	EN 13893	DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 143 for details
	Karndean Universal	Yes
	Acrylic	Yes
Adhesive	Epoxy	Yes
	High Temperature	Yes
	Pressure Sensitive	Yes
	Indoor Air Comfort	Gold certification Compliant low emitting VOC emission
	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified;
Environmental		Compliant low emitting VOC emission
Livii Orimentat	F	F
	Environmental Product Declaration	External third-party verified Type III EPI
	NSF/ANSI 332	Sustainability Assessment for Resilient Coverings; Conformant product
Recycling		Suitable

Design is an endless journey | 81

\* Same colour available in different formats.

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

\*\*\* DIN51130 slip resistance values have achieved R10 except EW21, RPL-EW21, RL20, RL21, RL22, RL23, SM-RL21, SM-RL21, SM-RL22 which have achieved R11.

# ART SELECT **STONE**

Effortlessly stylish and one of a kind, our premium Art Select stone collection brings the natural beauty of travertine, marble, slate and limestone to life. Expect our most intricate designs and realistic embosses, handcrafted to reflect the unique patterns and textures of real stone.









82 | Karndean Designflooring Commercial B3



Result

See page opposite

#### Travertine

457mm x 610mm (18" x 24")







Washburn LM07\* Caldera LM08\*

152mm x 915mm (6" x 36")





Gallatin LM29\*

Slate

915mm x 915mm (36" x 36") Random Panel\*\*





457mm x 610mm (18" x 24")

Corris LM22\*



Canberra LM06

Marble

915mm x 915mm (36" x 36")





Otono LM15-CLIP

Fiore LM16-CLIP supplied with LM15 Key Squares

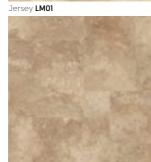
Limestone

Ashford LM10

915mm x 915mm (36" x 36") Random Panel\*\*









Thickness	EN ISO 24346	3.0 mm
Wear layer	EN ISO 24340	0.7 mm
Surface treatment		K-Guard+® PU coating
Guarantee*	Light industrial Commercial Residential	20 years 20 years Lifetime guarantee
Bevelled edge		Standard
Mass	EN ISO 23997	5015 g/m²
Standards	EN 649 / EN ISO 10582	Pass
Classification	EN 685 / EN ISO 10874: Light industrial Commercial Domestic	43: Light industrial heavy 34: Commercial very heavy 23: Domestic heavy
Reaction to fire	EN 13501-1	$B_n$ -sl
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥6
Abrasion resistance	EN 649 EN ISO 10582	Group T Type 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	Pass
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w}$ = 2 dB
Electrical behaviour body voltage	EN 1815	Pass
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0147 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	R10/R11*** DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 148 for details
Adhesive	Karndean Universal Acrylic Epoxy High Temperature Pressure Sensitive	Yes Yes Yes Yes
	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
	Environmental Product Declaration	External third-party verified Type III EPD
	NSF/ANSI 332	Sustainability Assessment for Resilient Floo Coverings; Conformant product
Recycling		Suitable
Phthalate free		Yes

Standard

EN ISO 24342

Size

Same colour available in different formats.
 Each panel is created from nine assorted tiles with design strips. Offsetting tiles are also included to create a natural look.

<sup>\*\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

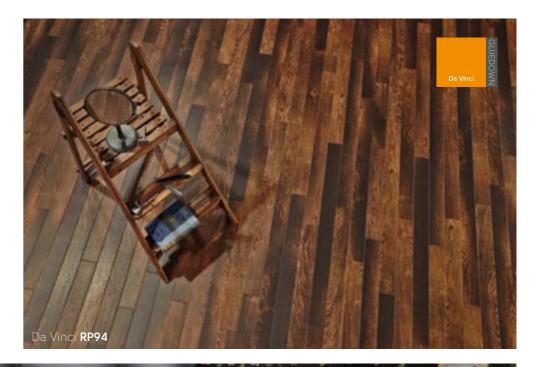
\*\*\*\* DIN51130 slip resistance values have achieved RIO except EW21, RPL-EW21, RL22, RL23, SM-RL20, SM-RL21, SM-RL22, SM-RL23 which have achieved RII.

# DA VINCI **WOOD**

Each of our Da Vinci wood planks feature a distinctive bevelled edge and light surface finish, creating a traditional and elegant look. With a wide range of colours and designs, from the pale tones of American Oak to the richness of Scorched Oak, there's something to suit any project.











915mm x 76mm (36" x 3")





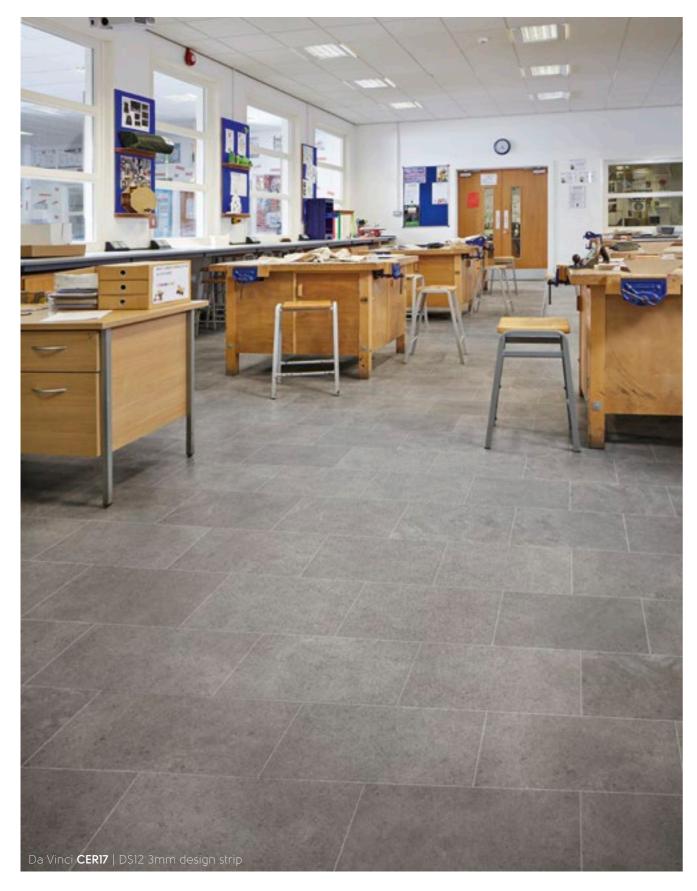
	Standard	Result
Size	EN ISO 24342	915 mm x 76 mm (36" x 3")
Thickness	EN ISO 24346	3.0 mm
Wear layer	EN ISO 24340	0.7 mm
Surface treatment		K-Guard+® PU coating
Guarantee*	Light industrial Commercial Residential	20 years 20 years Lifetime guarantee
Bevelled edge		Standard
Mass	EN ISO 23997	5015 g/m²
Standards	EN 649 / EN ISO 10582	Pass
Classification	EN 685 / EN ISO 10874: Light industrial Commercial Domestic	43: Light industrial heavy 34: Commercial very heavy 23: Domestic heavy
Reaction to fire	EN 13501-1	B <sub>n</sub> -s1
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥6
Abrasion resistance	EN 649 EN ISO 10582	Group T Type 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	Pass
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_w = 2 dB$
Electrical behaviour body voltage	EN 1815	Pass
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0147 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	R10 DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 143 for details
Adhesive	Karndean Universal Acrylic Epoxy High Temperature Pressure Sensitive	Yes Yes Yes Yes
	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
	Environmental Product Declaration	External third-party verified Type III EPD
	NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Conformant product
Recycling		Suitable
Phthalate free		Yes

<sup>\*</sup> Subject to terms. Please see our website.

\*\* Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

## DA VINCI **STONE**

The Da Vinci collections offers the rich textures of natural stone, weathered steel, woven fabric and more, all with the comforting warmth unique to Karndean Designflooring.

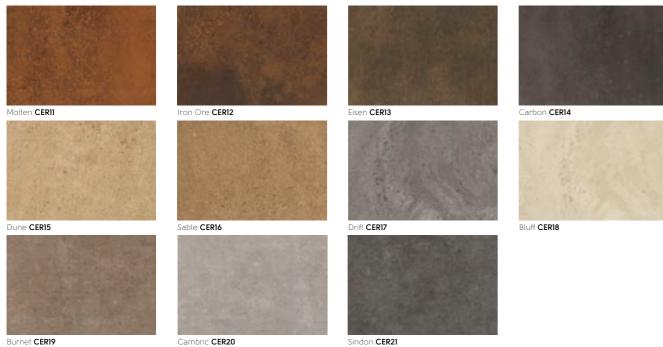




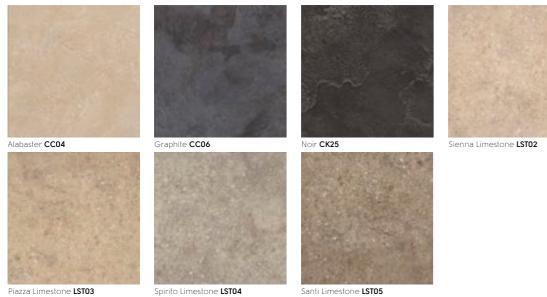




305mm x 457mm (12" x 18")



406mm x 406mm (16" x 16")



	Standard	Result
Size	EN ISO 24342	See page opposite
Thickness	EN ISO 24346	3.0 mm
Wear layer	EN ISO 24340	0.7 mm
Surface treatment		K-Guard+® PU coating
	Light industrial	20 years
Guarantee*	Commercial	20 years
	Residential	Lifetime guarantee
Bevelled edge		Standard
Mass	EN ISO 23997	5015 g/m <sup>2</sup>
Standards	EN 649 / EN ISO 10582	Pass
	EN 685 / EN ISO 10874:	
Classification	Light industrial	43: Light industrial heavy
	Commercial	34: Commercial very heavy
	Domestic	23: Domestic heavy
Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥6
Abrasion resistance	EN 649	Group T
7.6. asion resistance	EN ISO 10582	Туре 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	Pass
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_w = 2 dB$
Electrical behaviour body voltage	EN 1815	Pass
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0147 m <sup>2</sup> K/W Suitable for underfloo
	DIN 5320	heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	R10 DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 148 for details
	Karndean Universal	Yes
Adhesive	Acrylic Epoxy	Yes Yes
Adilesive	High Temperature	Yes
	Pressure Sensitive	Yes
	Indoor Air Comfort	Gold certification
		Compliant low emitting VOC emission
	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified;
	F10013C01E 3C3-EC10.3-2014 V4.0	Compliant low emitting VOC emission
Environmental		Compact Ow Comming VOC Combine
	Environmental Product Declaration	External third-party verified Type III EPI
	NICE/ANICI 222	Custoin ability Assessment for Decilian
	NSF/ANSI 332	Sustainability Assessment for Resilien
		Floor Coverings; Conformant produc
Recycling		Floor Coverings; Conformant produc Suitable

<sup>\*</sup> Subject to terms. Please see our website.

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

#### VAN GOGH WOOD

Showcasing the intricate textures and patterns found in timber, this collection beautifully highlights a variety of wood effects including distressed, limed and reclaimed.

Now with added design flexibility with the option to specify this range using a choice of product format, this versatility is further enhanced by the variety of plank sizes available. These include: 1219mm x 178mm (48" x 7"), large scale planks 1422mm x 228mm (56" x9") and our new parquet collection available in both gluedown and rigid core 711mm x 177mm (28"x 7).







Explore our 16 Van Gogh rigid core designs in the same colours as our popular Van Gogh gluedown range but with the added benefit of improved acoustic qualities boasting a sound reduction of 21dB. The integrated K-Core® technology makes it perfect for installations where uneven subfloors of the preservation of existing hard floors needs to be considered. See page 46 for more information on multiformat designs.

Matching scotias now available in our Van Gogh range. For more information, visit:

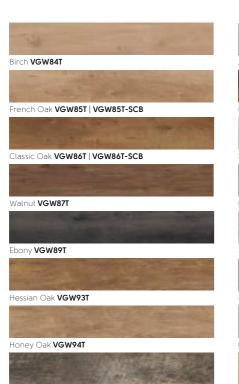
karndean.com/scotiasandskirting



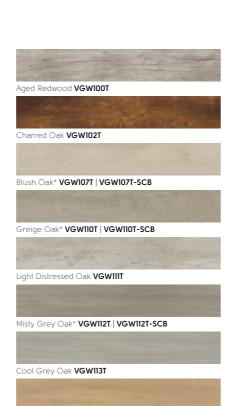
For flexibility in fixing types, a selection of our Van Gogh products are now available in a rigid core format. Look out for the rigid core icon to see which of these designs are available in both a gluedown and a rigid core format.

1219mm x 178mm (48" x 7")





Reclaimed Redwood VGW99T



Natural Prime Oak **VGW115T | VGW115T-SCB** 

1422mm x 228mm (56" x 9")

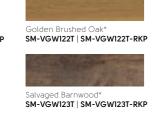






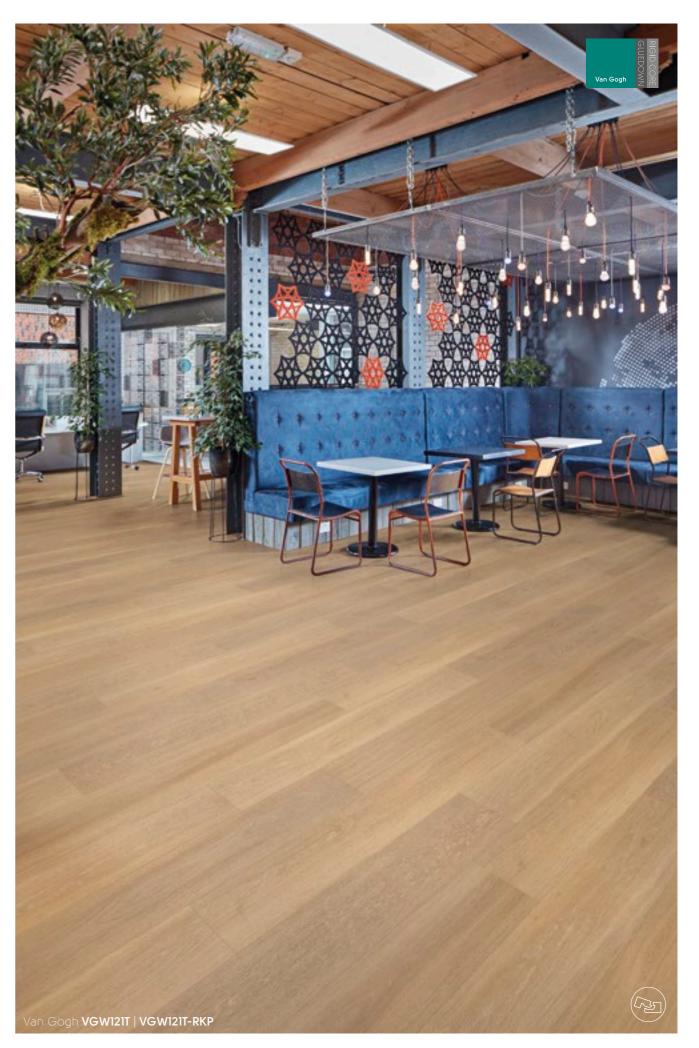
711mm x 177mm (28" x 7")





\*A selection of our Van Gogh designs have been finished with a handcrafted emboss to ensure that each plank is inherently unique and thereby accentuating the distressed aesthetics of the wood. Look out for our natural wood grain icon to see which of our designs benefit from this natural finish.





	Standard	Gluedown result
Size	EN ISO 24342	1219mm x 178mm
Thickness	EN ISO 24346	3.0 mm
Wear layer	EN ISO 24340	0.55 mm
Locking system		-
Surface treatment		K-Guard+® PU coating
odridee treatment	Light industrial	15 years
Guarantee*	Commercial Residential	15 years Lifetime guarantee
Bevelled edge	Residertuat	Micro
Mass	EN ISO 23997	5187 g/m²
Standards	EN 649 / EN ISO 10582	Pass
	EN 16511	-
	EN 685 / EN ISO 10874:	42: Light industrial general
Classification	Light industrial Commercial	33: Commercial heavy 23: Domestic heavy
	Domestic	<u> </u>
Reaction to fire	EN 13501-1	B <sub>n</sub> -sl
Staining resistance	EN ISO 26987 / EN 423 EN 438-2	Excellent -
Light fastness	EN ISO 105-B02	≥7
	EN 649	Group T
Abrasion resistance	EN ISO 10582 EN13329 Annex E	Type 1
Flexibility	EN ISO 24344	Pass
Furniture chair leg	EN 424	-
Dimensional stability	EN 434 / EN ISO 23999	≤0.25%
Swelling	ISO 24336	-
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8 EN ISO 10140- 1:2016 EN ISO 10140-3:2010+A1: 2015	△L <sub>w</sub> = 4 dB -
Electrical behaviour body voltage	EN 1815	Pass
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Impact resistance	EN13329 Annex F EN 425 / EN ISO 4918	Pass
Castor chair continuous use	ISO 4918/ EN 425	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Thermal resistance	ISO 8302	0.0118 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	RIO DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 136 for details
	Karndean Universal	Yes
Adhesive	Acrylic Epoxy	Yes Yes
	High Temperature	Yes
	Pressure Sensitive	Yes Cold partification
	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
2ommernat	Environmental Product Declaration	External third-party verified Type III EPD
	NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Conformant product
Recycling		Suitable
		Yes

Rigid core result 1420 mm x 225 mm	Rigid core result 708 mm x 177 mm	Rigid core result 1220 mm x 180 mm
1420 mm x 225 mm (56" x 9")	Herringbone 708 mm x 177 mm (27.87" x 6.98")	1220 mm x 180 mm (48.03" x 7.09")
6.5 mm	6.5 mm	5.5 mm
0.55 mm	0.55 mm	0.55 mm
5G® fold down installation system¹	Modified 2G <sup>™</sup> on short edge and standard 2G <sup>™</sup> on long edge <sup>2</sup>	2G™ angling installation²
K-Guard+® PU coating	K-Guard+® PU coating	K-Guard+® PU coating
- 15 years Lifetime guarantee	- 15 years Lifetime guarantee	- 15 years Lifetime guarantee
Micro	Micro	Micro
-	-	-
- Pass: Multilayer modular floorcovering panels	- Pass: Multilayer modular floorcovering panels	- Pass: Multilayer modula floorcovering panels
- 33: Commercial heavy 23: Domestic heavy	- 33: Commercial heavy 23: Domestic heavy	- 33: Commercial heavy 23: Domestic heavy
Bfl-sl	Bfl-sl	Bfl-sl
-	-	-
Pass (grade 5)	Pass (grade 5)	Pass (grade 5)
Pass ≥6	Pass ≥6	Pass ≥6
-	-	-
- Pass >4000 cycles	- Pass >4000 cycles	- Pass >4000 cycles
	- r d33 /4000 Cycle3	
Pass (no visible damage)	Pass (no visible damage)	Pass (no visible damage)
Pass < 0.25%	Pass < 0.25%	Pass < 0.25%
Pass (0.2%)	Pass (0.2%)	Pass (0.7%)
- △L <sub>W</sub> = 21 dB	- △L <sub>W</sub> = 21 dB	- △L <sub>W</sub> = 19 dB
- Pass 25 000 cycles	- Pass 25 000 cycles	- Pass 25 000 cycles
-	-	Pass ≤0.1mm
Pass >1800 mm	Pass >1800 mm	Pass >1600 mm
Pass 25 000 cycles	Pass 25 000 cycles	Pass 25 000 cycles
0.0515 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C	0.0515 m²K/W Suitable for underfloor heating. Max 27°C	0.0338 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
R10 DS	R10 DS	R10 DS

None required; please install according to our installation instructions.

See page 144 & 147 for details

Gold certification Compliant low emitting VOC emissions.

Indoor air quality certified; Compliant low emitting VOC emissions.

Suitable	Suitable	Suitable	
Yes	Yes	Yes	







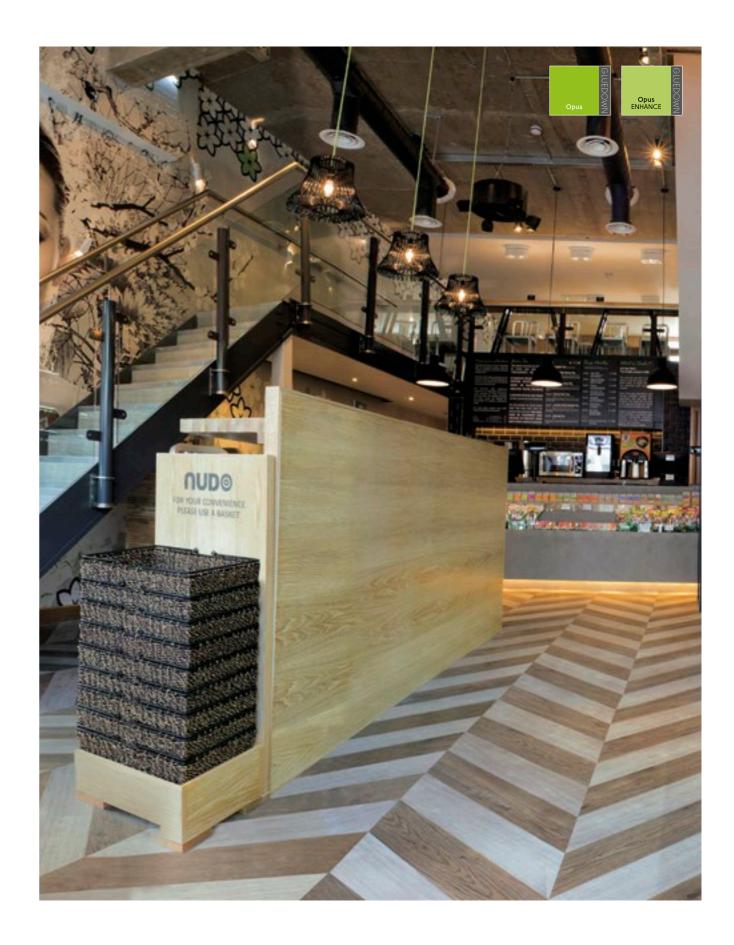
- 5G® is a patented technology invented by Välinge Innovation AB. The 5G® word mark and logo are registered trademarks owned by Välinge Innovation AB and any use of such marks is under license.
   5G® short edge; 2G™ long edge except SM-VGWI20T-RKP, SM-VGWI21T-RKP, SM-VGWI21T-RKP, SM-VGWI21T-RKP, SM-VGWI21T-RKP which are modified 2G™ on short edge and standard 2G™ on long edge.
   Subject to terms. Please see our website.
- \* Subject to terms. Please see our website.
- Subject to terms. Hease see our website.
   Slip resistance is measured on freestanding ex-factory product.
   Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained.
   Textural variation along the surface of the product can affect nominal values.

Design is an endless journey | 99 98 | Karndean Designflooring Commercial

# OPUS WOOD

Our fresh, modern collection Opus combines flexible layout options, stylish design and durability. With planks sizes ranging from 915mm x 152mm (36" x 6"), and a large-scale option of 1219mm x 228mm (48" x 9"), Opus offers versatility that's quick to install. Designed with commercial spaces in mind, our Opus Enhance products have a rougher surface texture, proven to improve slip resistance.





100 | Karndean Designflooring Commercial





1219mm x 228mm (48" x 9")



36



Magna **WP413** 



Argen WP414





Fabrica WP419





915mm x 152mm (36" x 6")



915mm x 102mm (36" x 4")



#### Opus Enhance

A number of our Opus products are available with an enhanced finish and rougher surface texture, specifically for use in commercial areas. Assessed using a pendulum wet test (BS7976), Opus Enhance achieved 36 and above, reflecting an improved slip resistance. Look out for the 36+ logo on relevant products. See Product Overview on page 144 for results.



		Standard	Result
·	Size	EN ISO 24342	See page opposite
Ŷ	Thickness	EN ISO 24346	2.5 mm
÷	Wear layer	EN ISO 24340	0.55 mm
	Surface treatment		K-Guard+® PU coating
	Guarantee*	Light industrial Commercial Residential	15 years 15 years Lifetime guarantee
	Bevelled edge		Micro
ري ا	Mass	EN ISO 23997	4398 g/m²
	Standards	EN 649 / EN ISO 10582	Pass
	Classification	EN 685 / EN ISO 10874: Light industrial Commercial Domestic	42: Light industrial general 33: Commercial heavy 23: Domestic heavy
B <sub>H</sub> -51	Reaction to fire	EN 13501-1	B <sub>n</sub> -sl
<b>⊨</b>	Staining resistance	EN ISO 26987 / EN 423	Excellent
- The second	Light fastness	EN ISO 105-B02	≥6
	Abrasion resistance	EN 649 EN ISO 10582	Group T Type 1
5	Flexibility	EN ISO 24344	Pass
K N K N	Dimensional stability	EN 434 / EN ISO 23999	Pass
	Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w}$ = 2 dB
É	Electrical behaviour body voltage	EN 1815	Pass
	Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
	Castor chair continuous use	EN 425 / EN ISO 4918	Pass
	Thermal resistance	ISO 8302	0.0097 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
75 8	Slip resistance**	DIN 51130 EN 13893	R10 (Opus Enhance: see page 144 for details) DS
	Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 144 for details
8	Adhesive	Karndean Universal Acrylic Epoxy High Temperature Pressure Sensitive	Yes Yes Yes Yes Yes
-		Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions
	Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions
		Environmental Product Declaration	External third-party verified Type III EPD
		NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Conformant product
	Recycling		Suitable
	Phthalate free		Yes

<sup>\*</sup> Subject to terms. Please see our website.

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

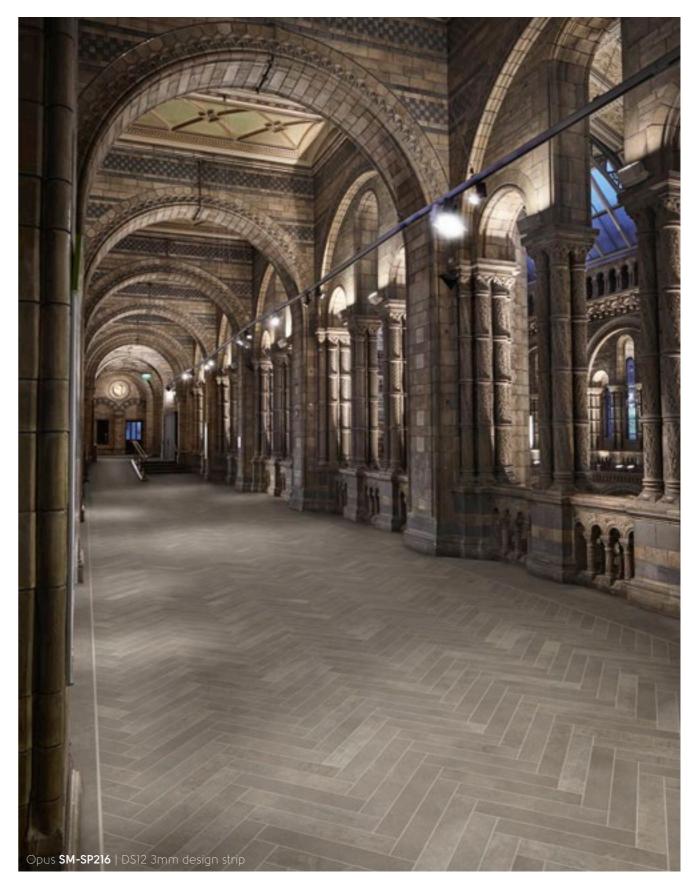
## OPUS **STONE**





The contemporary look of Opus is carried across to its stone range. Varying in shades of creamy whites and darker tones, these tiles are available in both poured concrete and polished limestone looks. We've also extended our Opus Enhance range to include four designs in our stone collection featuring an increased slip rating, tailored to commercial environments.





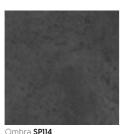




457mm x 457mm (18" x 18")









457mm x 610mm (18" x 24")









Ferra **SP215** 





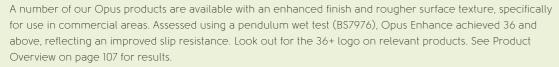


76mm x 457mm (3" x 18")





#### Opus Enhance





		Standard	Result
Size		EN ISO 24342	See page opposite
Thickness		EN ISO 24346	2.5 mm
Wear layer		EN ISO 24340	0.55 mm
Surface treatm	ient		K-Guard+® PU coating
Guarantee*		Light industrial Commercial Residential	15 years 15 years Lifetime guarantee
Bevelled edge			Micro
Mass		EN ISO 23997	4398 g/m²
Standards		EN 649 / EN ISO 10582	Pass
Classification		EN 685 / EN ISO 10874: Light industrial Commercial Domestic	42: Light industrial general 33: Commercial heavy 23: Domestic heavy
Reaction to fire	•	EN 13501-1	$B_{n}$ -s1
Staining resista	ance	EN ISO 26987 / EN 423	Excellent
Light fastness		EN ISO 105-B02	≥6
Abrasion resist	ance	EN 649 EN ISO 10582	Group T Type 1
Flexibility		EN ISO 24344	Pass
Dimensional s	ability	EN 434 / EN ISO 23999	Pass
Acoustic impa	ct noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w}$ = 2 dB
Electrical beha	viour body voltage	EN 1815	Pass
Indentation - r	esidual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair co	ontinuous use	EN 425 / EN ISO 4918	Pass
Thermal resist	ance	ISO 8302	0.0097 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance	**	DIN 51130 EN 13893	R10 (Opus Enhance: see page 144 for details) DS
Light reflectan	ce value (LRV)	BS 8493:2008+A1:2010	See page 148-149 for details
Adhesive		Karndean Universal Acrylic Epoxy High Temperature Pressure Sensitive	Yes Yes Yes Yes
		Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Environmental		Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
		Environmental Product Declaration	External third-party verified Type III EPD
		NSF/ANSI 332	Sustainability Assessment for Resilient Floo Coverings; Conformant product
Recycling			Suitable
Phthalate free			Yes

<sup>\*</sup> Subject to terms. Please see our website.

<sup>\*</sup> Same colour available in different formats.

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

# KNIGHT TILE WOOD

GLUEDOWN Knight Tile

Our Knight Tile collection covers a range of colours, including rustic, lime washed and white painted looks in both standard, slim and herringbone plank sizes. Extremely versatile and hardwearing, this collection lends itself well to the housebuild sector.







108 | Karndean Designflooring Commercial



915mm x 102mm (36" x 4")



915mm x 152mm (36" x 6")



Rose Washed Oak **KP95** 



Classic Limed Oak **KP97** 

Aged Oak KP98

Lime Washed Oak **KP99**\*



Mid Worn Oak **KP103** 











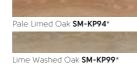




Urban Spotted Gum **KP141** 

457mm x 76mm (18" x 3")





	Standard	Result
Size	EN ISO 24342	See page opposite
Thickness	EN ISO 24346	2.0 mm
Wear layer	EN ISO 24340	0.3 mm
Surface treatment		K-Guard+® PU coating
Guarantee*	Light industrial Commercial Residential	n/a 10 years Lifetime guarantee
Bevelled edge		No
Mass	EN ISO 23997	3605 g/m²
Standards	EN 649 / EN ISO 10582	Pass
Classification	EN 685 / EN ISO 10874: Light industrial Commercial Domestic	n/a 31: Commercial moderate 23: Domestic heavy
Reaction to fire	EN 13501-1	Bfl-sl
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥6
Abrasion resistance	EN 649 EN ISO 10582	Group T Type 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	Pass
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w}$ = 1 dB
Electrical behaviour body voltage	EN 1815	Pass
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0084 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	R10 DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 145 for details
Adhesive	Karndean Universal Acrylic Epoxy High Temperature Pressure Sensitive	Yes Yes Yes Yes
	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
	Environmental Product Declaration	External third-party verified Type III EPD
	NSF/ANSI 332	Sustainability Assessment for Resilient Flo Coverings; Conformant product
Recycling		Suitable
Phthalate free		Yes

<sup>\*</sup> Subject to terms. Please see our website.

<sup>\*</sup> Same colour available in different formats, see product page for details.

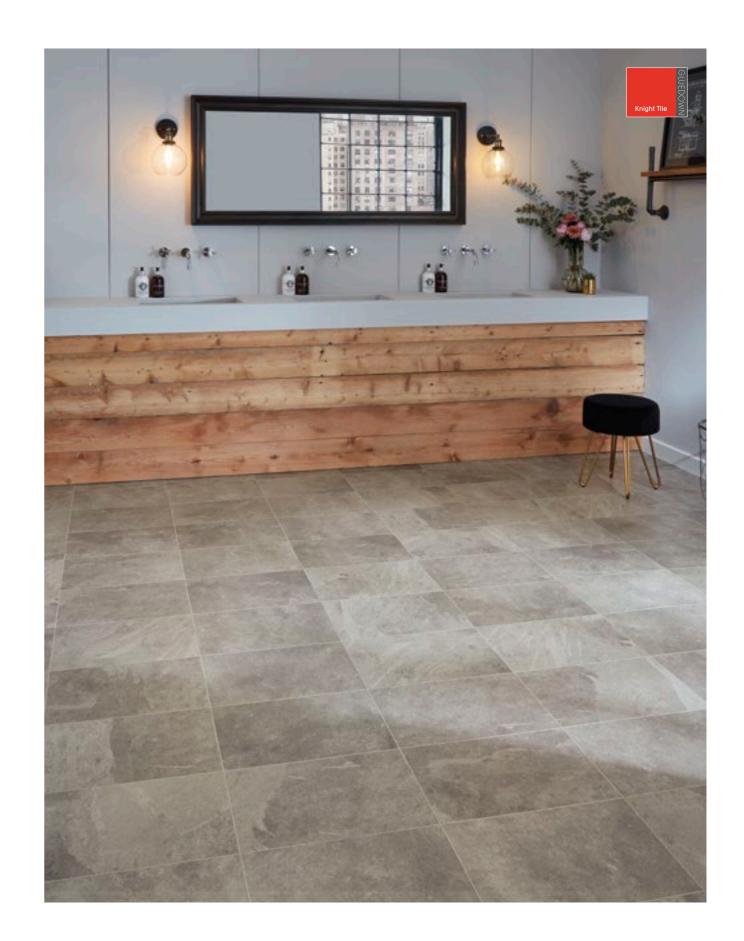
<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

# KNIGHT TILE STONE

Our Knight Tile collection is the perfect partner to modern developments and housebuild projects. Available in a variety of colours from the marble effect of Carrara to the darker hues found in our Midnight Black and Black Riven Slate.









305mm x 305mm (12" x 12")



305mm x 457mm (12" x 18")



Honed Oyster Slate **ST17** 

_		Standard	Result
_	Size	EN ISO 24342	See page opposite
	Thickness	EN ISO 24346	2.0 mm
	Wear layer	EN ISO 24340	0.3 mm
	Surface treatment		K-Guard+® PU coating
		Light industrial	n/a
	Guarantee*	Commercial	10 years
_	Daviella dia dan	Residential	Lifetime guarantee
_	Bevelled edge	FN 100 22007	No 2/05 -/3
_	Mass	EN ISO 23997	3605 g/m <sup>2</sup>
_	Standards	EN 649 / EN ISO 10582	Pass
		EN 685 / EN ISO 10874: Light industrial	n/a
	Classification	Commercial	31: Commercial moderate
_		Domestic	23: Domestic heavy
	Reaction to fire	EN 13501-1	Bfl-s1
	Staining resistance	EN ISO 26987 / EN 423	Excellent
_	Light fastness	EN ISO 105-B02	≥6
	Abrasion resistance	EN 649	Group T
_		EN ISO 10582	Type 1
_	Flexibility	EN ISO 24344	Pass
_	Dimensional stability	EN 434 / EN ISO 23999	Pass
_	Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w} = 1 dB$
_	Electrical behaviour body voltage	EN 1815	Pass
_	Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
	Castor chair continuous use	EN 425 / EN ISO 4918	Pass
	Thermal resistance	ISO 8302	0.0084 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
	Slip resistance**	DIN 51130	R10
_	- Cup i esistante	EN 13893	DS
_	Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 149 for details
		Karndean Universal	Yes
	Adhesive	Acrylic Epoxy	Yes Yes
	Adriesive	High Temperature	Yes
		Pressure Sensitive	Yes
_		Indoor Air Comfort	Gold certification
			Compliant low emitting VOC emissions.
		Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified;
		1100130016 303 2010.3 2014 44.0	Compliant low emitting VOC emissions.
	Environmental		
		Environmental Product Declaration	External third-party verified Type III EPD
		1105/11101 000	Custoin shility Assessment for Desilient Floo
_		NSF/ANSI 332	Coverings; Conformant product
_	Recycling	NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Conformant product Suitable

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

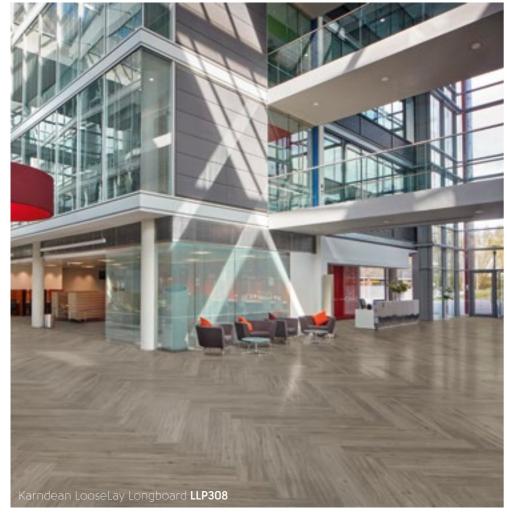
# KARNDEAN LOOSELAY **WOOD** & LONGBOARD

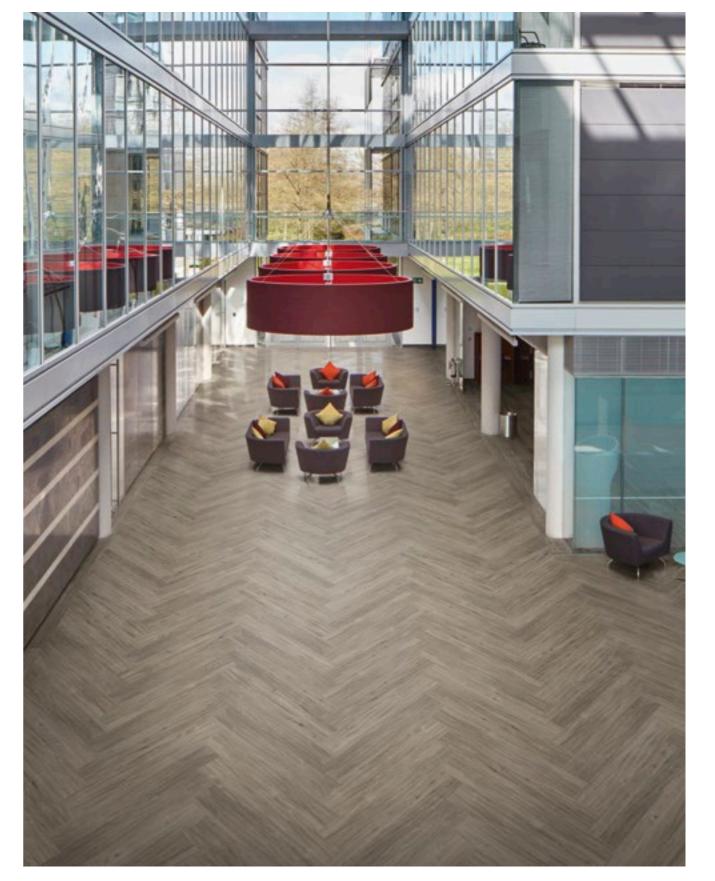
ndean | Karndean | LooseLay | Longboard

With enhanced acoustic properties and excellent environmental credentials, our Karndean LooseLay wood and Longboard range can be laid over most existing hard floors, and in many cases, without the need for adhesive.

Our LooseLay Longboard is available in 12 woods in a 1.5m long format, featuring planks that are 42% longer than our standard LooseLay products, helping to achieve faster installation times.





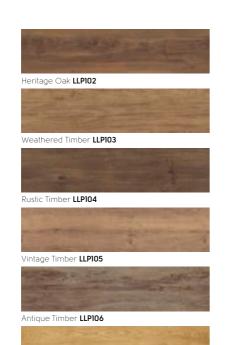


Design is an endless journey | 117

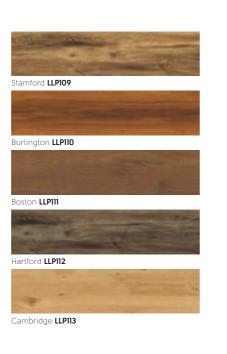


1050mm x 250mm (41.3" x 9.85")





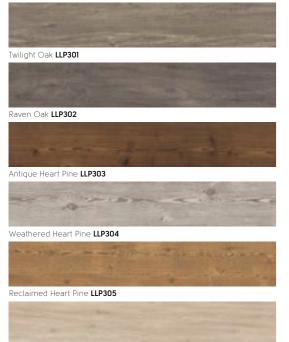
Providence **LLP108** 



1500mm x 250mm (59.1" x 9.85")

Traditional Oak **LLP101** 

Pearl Oak **LLP306** 





The same of the sa	The Real Property lies
miles de la company	
Neutral Oak <b>LLP307</b>	
The same of the sa	A Charles
-	
French Grey Oak <b>LLP308</b>	
Champagne Oak <b>LLP310</b>	100
Bleached Tasmanian Oak <b>LLP311</b>	
State of the state	THE PARTY OF THE P
THE RESERVED TO	
Character Walnut <b>LLP315</b>	THE RESERVE
Character Walnut LLP315	
Lemon Spotted Gum <b>LLP317</b>	

	Standard	Result
Size	EN ISO 24342	See page opposite
Thickness	EN ISO 24346	4.5 mm
Wear layer	EN ISO 24340	0.55 mm
Surface treatment		K-Guard+® PU coating
Guarantee*	Light industrial Commercial Residential	15 years 15 years Lifetime guarantee
Bevelled edge		No
Mass	EN ISO 23997	7470 g/m²
Standards	EN 649 / EN ISO 10582	Pass
Classification	EN 685 / EN ISO 10874: Light indus- trial Commercial Domestic	42: Light industrial general 33: Commercial heavy 23: Domestic heavy
Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥7
Abrasion resistance	EN 649 EN ISO 10582	Group T Type 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	≤0.10%
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w}$ = 13 dB
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0245 m <sup>2</sup> K/W Suitable for underfloo heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	R10 DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 146 for details
VOC emission	ISO 16000	Indoor Air Comfort Gold
Adhesive	Please refer to our installation instru	ctions
Recycling		Suitable
Phthalate free		Yes

<sup>\*</sup> Subject to terms. Please see our website.

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<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

# KARNDEAN LOOSELAY **STONE**

Available in a large-format rectangular tile, Karndean LooseLay stone is easy to install and features our K-Wave® friction grip backing designed to hold products in place without the need for clicking or locking. It also boasts enhanced acoustic properties and is 100% recyclable. Each tile can be lifted individually making it perfect for spaces where access is required for underfloor services.









500mm x 610mm (19.7" x 24")

Ontario **LLT218** 



	Standard	Result
Size	EN ISO 24342	500 mm x 610 mm (19.7" x 24")
Thickness	EN ISO 24346	4.5 mm
Wear layer	EN ISO 24340	0.55 mm
Surface treatment		K-Guard+® PU coating
Guarantee*	Light industrial Commercial Residential	15 years 15 years Lifetime guarantee
Bevelled edge		No
Mass	EN ISO 23997	7470 g/m²
Standards	EN 649 / EN ISO 10582	Pass
Classification	EN 685 / EN ISO 10874: Light industrial Commercial Domestic	42: Light industrial general 33: Commercial heavy 23: Domestic heavy
Reaction to fire	EN 13501-1	B <sub>n</sub> -s1
Staining resistance	EN ISO 26987 / EN 423	Excellent
Light fastness	EN ISO 105-B02	≥7
Abrasion resistance	EN 649 EN ISO 10582	Group T Type 1
Flexibility	EN ISO 24344	Pass
Dimensional stability	EN 434 / EN ISO 23999	≤0.10%
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8	$\triangle L_{w}$ = 13 dB
Indentation - residual	EN 433 / EN ISO 24343-1	Pass ≤0.1 mm
Castor chair continuous use	EN 425 / EN ISO 4918	Pass
Thermal resistance	ISO 8302	0.0245 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance**	DIN 51130 EN 13893	RIO DS
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 149 for details
VOC emission	ISO 16000	Indoor Air Comfort Gold
Adhesive	Please refer to our installation in	nstructions
Recycling		Suitable
Phthalate free		Yes

<sup>\*</sup> Subject to terms. Please see our websi

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

### KORLOK WOOD

Easy to install, Korlok can be fitted over most existing and imperfect subfloors, plus, the pre-attached acoustic backing eliminates the need for a separate underlay. With excellent acoustic properties, Korlok reduces noise transfer to rooms below by 19dB, making it ideal for upstairs rooms, apartments and office blocks. With our 5G® Valinge vertical click-locking mechanism, extra large format 1420mm x 225mm (56" x 9") and limited subfloor preparation requirements, Korlok is quick and easy to install, meaning very little downtime during installation. With these added benefits, alongside the intricate designs and durability you expect from Karndean, Korlok is the perfect choice for a variety of installations.

Matching scotias now available in our Korlok wood range. For more information, visit: karndean.com/scotiasandskirting









1420mm x 225mm (56" x 9")

Antique French Oak **RKP8110** 





Baltic Mistral Oak RKP8112





Canadian Nude Oak **RKP8117** 

	Standard	Result
Size	ISO 24342	1420 mm x 225 mm (56" x 9")
Thickness	ISO 24346	6.5 mm
Wear layer	ISO 24340	0.55 mm
Locking system^		5G® fold down installation system
Surface treatment		K-Guard+® PU coating
Guarantee*	Commercial Domestic	15 years Lifetime guarantee
Bevelled edge		Micro
Mass	ISO 23997	7480 g m <sup>-2</sup>
Standards	EN 16511	Pass: Multilayer modular floorcovering panels
Classification	EN ISO 10874 Commercial EN ISO 10874 Domestic	33: Commercial heavy 23: Domestic heavy
Reaction to fire	EN 13501-1	B <sub>f</sub> l-sl
Staining	EN 438-2	Pass (grade 5)
Light fastness	EN ISO 105-B02	Pass ≥6
Abrasion resistance	EN13329 Annex E	Pass >4000 cycles
Furniture chair leg	EN 424	Pass (no visible damage)
Dimensional stability	BS EN ISO 23999	Pass ≤0.25%
Swelling	ISO 24336	Pass (0.2%)
Acoustic impact noise reduction	EN ISO 10140-1:2016 EN ISO 10140-3:2010+A1:2015	ΔL <sub>W</sub> = 21 dB
Indentation - residual	ISO 24343-1	Pass ≤0.1 mm
Impact resistance	EN13329 Annex F	Pass ≥1800 mm
Castor chair continuous use	ISO 4918/EN 425	Pass 25 000 cycles
Thermal resistance	ISO 8302	0.0515 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
Slip resistance**	EN 13893 DIN 51130	DS R10
Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 138 for details
Adhesive	None required; please install according	g to our installation instructions.
	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
Environmental	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Livioninenat	Environmental Product Declaration	Product-specific Type III EPD (products with external third-party verification)
	NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Silver certified product
Recycling		Suitable
Phthalate free		Yes

<sup>^</sup> Produced under licence from Valinge Innovations.

Design is an endless journey | 127

<sup>\*</sup> Subject to terms. Please see our website.

<sup>\*\*</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

The 5G\* and 2G<sup>TM</sup> word marks are registered trademarks owned by Välinge Innovation AB.

### KORLOK **STONE**



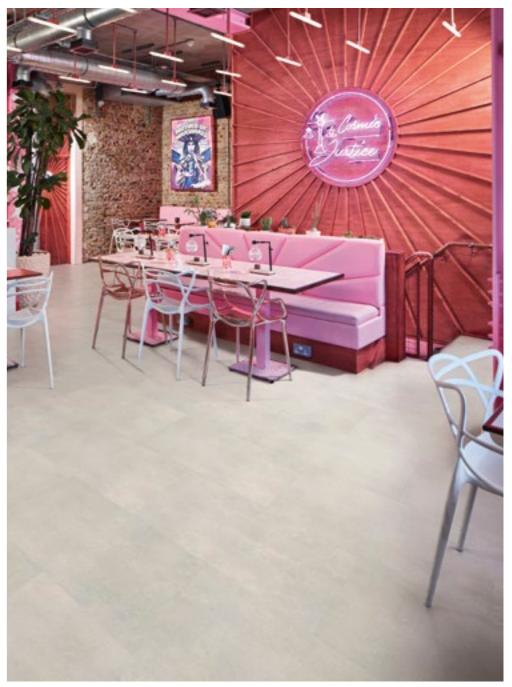
Using the understated colour tones found in natural limestone, our five new stone designs have been developed to include subtle veining and a chalky appearance to create a realistic finish. Delicate mottling further enhances the designs in a range that provides a choice in tone enabling designers and specifiers to create a neutral backdrop for any interior. With all the benefits of rigid core products, our new Korlok tiles are available in the extra large format of 457mm x 600mm (18" x 24").

Matching scotias now available in our Korlok stone range.

For more information, visit: karndean.com/scotiasandskirting









457mm x 600mm (18" x 24")









Frosted Stone **RKT2401** 



Volcanic Black **RKT2406** 

		Staridard	Result
-	Size	ISO 24342	457mm x 600mm (18" x 24")
•	Thickness	ISO 24346	6.5 mm
} _	Wear layer	ISO 24340	0.55 mm
_	Locking system^		5G <sup>®</sup> fold down installation system
_	Surface treatment		K-Guard+® PU coating
	Guarantee*	Commercial Domestic	15 years Lifetime guarantee
	Bevelled edge		Micro
	Mass	ISO 23997	7480 g m <sup>-2</sup>
	Standards	EN 16511	Pass: Multilayer modular floorcovering panels
	Classification	EN ISO 10874 Commercial EN ISO 10874 Domestic	33: Commercial heavy 23: Domestic heavy
	Reaction to fire	EN 13501-1	B <sub>f</sub> (-s1
9	Staining	EN 438-2	Pass (grade 5)
3	Light fastness	EN ISO 105-B02	Pass ≥6
Ð	Abrasion resistance	EN13329 Annex E	Pass >4000 cycles
•	Furniture chair leg	EN 424	Pass (no visible damage)
1	Dimensional stability	BS EN ISO 23999	Pass ≤0.25%
	Swelling	ISO 24336	Pass (0.2%)
	Acoustic impact noise reduction	EN ISO 10140-1:2016 EN ISO 10140-3:2010+A1:2015	△L <sub>W</sub> = 21 dB
	Indentation - residual	ISO 24343-1	Pass ≤0.1 mm
]	Impact resistance	EN13329 Annex F	Pass ≥1800 mm
	Castor chair continuous use	ISO 4918/EN 425	Pass 25 000 cycles
- } _	Thermal resistance	ISO 8302	0.0515 m <sup>2</sup> K/W Suitable for underfloor heating. Max 27°C
	Slip resistance**	EN 13893 DIN 51130	DS R10
}	Light reflectance value (LRV)	BS 8493:2008+A1:2010	See page 141 for details
]	Adhesive	None required; please install accordin	ng to our installation instructions.
_		Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
ก	Environmental	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
	Environmental	Environmental Product Declaration	Product-specific Type III EPD (products with external third-party verification)
_		NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Silver certified product
	Recycling		Suitable
	Phthalate free		Yes

Standard

Result

 <sup>^</sup> Produced under licence from Valinge Innovations.
 \* Subject to terms. Please see our website.
 \*\* Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.
 The 5G® and 2G™ word marks are registered trademarks owned by Välinge Innovation AB.

# RESOURCES

We've worked hard to produce a comprehensive portfolio of resources both online and offline. From downloadable files from our Technical Hub and inspiration from our case studies, to our full digital tool suite including our online Product Sector, Floorstyle and BIM files. We're here to help when selecting the right floor for your project.

#### DIGITAL TOOL SUITE

To ensure you have everything you need from Karndean for your projects, visit **karndean.com** where you can access our Product Selector online, Floorstyle designer tool, Technical Hub and Interactive Tour.



#### Karndean Product Selector online

Available at karndean.com/productselector, the Product Selector page turner includes our full portfolio of products, which is regularly updated as new designs are launched.

For phone, tablet and desktop, there are two ways to use the online Product Selector:

- Browse online bookmark the link above to readily access the online page turner from any device with a web connection.
- ☑ Download from the online page turner, you have the option to download a PDF version of the book to your local device, meaning you can always have it available as a reference even without a connection to the internet.

karndean.com/productselector



#### Floorstyle designer tool

Our interactive room viewer, Floorstyle, lets you view our wide range of floors in typical commercial settings.

With improved usability, more sector specific settings, optional colour schemes and side-by-side comparison, you can discover our stylish and highly practical flooring in a truly visual manner.

karndean.com/commercialfloorstyle



#### **BIMstore**

Specifiers can now access our complete portfolio of wood, stone and abstract designs as BIM components. With many advantages over previous project management tools, BIM allows specifiers to include both 3D colour models and technical details in one place, enabling clients to visualise what the end product will look like and other project team members to easily access the technical specifications they require.

BIMstore.co



#### **NBS Source**

Karndean are partners with NBS, which means you can find our products on NBS Source.

NBS Source is a free-to-use construction product platform that allows you to quickly and easily find, select and specify our products. Boasting enhanced product data in NBS standardised specification format and a range of content, from case studies to third party certificates; NBS Source gives you the detailed information you need to make informed product decisions.

source.thenbs.com

#### TECHNICAL HUB

On the technical hub you will find all the product, regulatory and compliance information you need to design and install a floor that will stand out for all the right reasons.



Our improved technical hub has been designed for architects, interior designers and contractors, and places all the information you need conveniently at your fingertips, from technical data to help you specify the best product for any situation to advice on installation and ongoing cleaning and maintenance.

On the hub you can find out more about our commitment to producing stylish and durable floors with the lowest possible impact on the environment and our sustainability accreditations. Our environmental product declarations are available to download, providing detailed information about each of our formats: gluedown, rigid core and loose lay.



#### INTERACTIVE JOURNEY

We invite you on a journey. An exploration. A chance to experience our products in an unparalleled way. Whether specifying for work, life or play, this immersive CGI tool puts you at the centre of a 360-degree virtual environment. Helping you visualise flooring in a real-world setting.

Inspired by contemporary, more sustainable ways of living, we chose to build an online-based, multi-purpose structure with elements for life, work and socialising. As well as product insight, you can also access inspiration from key industry figureheads as you journey through our virtual world, all viewed with just the tap of your finger.



Design is an endless journey | 137

#### **SHOWROOMS**

Based at our headquarters in the beautiful Vale of Evesham, we always have the latest products on display, with over 500m<sup>2</sup> of ideas and designs to inspire you.



#### Karndean Designflooring

In our showroom, you will find Karndean's full collection of wood, stone and abstract designs. As well as seeing the full range of Karndean Designflooring, you can book an appointment with our trained advisors, use our design tables to try out your ideas and take away full sized samples with you. Whatever the project and the intricacy of the detail demanded, we can help.

Please visit our website for opening times: karndean.com



#### **Material Source Studio**

Located in Manchester's regenerated NOMA scheme, this world class design studio marks a new stage in our partnership with Material Source and brings architects and designers a venue showcasing the very best materials and furniture brands.

#### 

#### Material Lab

To see Karndean's latest products, pick up samples and view display boards in central London, visit the Material Lab Studio, where Karndean is a material partner. Material Lab is a design resource studio and materials library for the architect and design community. It's a place where inspiration and creativity go hand-in-hand, where you can immerse yourself in surface coverings of every kind no matter what they're made of.

Please visit website for opening times: material-lab.co.uk



# PRODUCT ORNIEW

View our comprehensive overview of the full Karndean Designflooring range, split into ranges and by product format. Quickly and easily compare colours, wear layers, sizes, LRVs and more, to help you select the right floor for your project.

### ABSTRACT PRODUCTS BY RANGE

Heritage Collection	Code	Name	Thickness	Wear layer	Bevel		Pr	oducts us	ed			Size	Box quantity
>	CLIF-01	Clifton	2.5mm	0.5mm	Standard	SP115	V20	-	-	-		228mm x 228mm	32 pieces / 1.672m²
10000	CLIF-02	Clifton	2.5mm	0.5mm	Standard	V19	V20	-	-	-		228mm x 228mm	32 pieces / 1.672m²
****	CLIF-03	Clifton	2.5mm	0.5mm	Standard	V17	V20	-	-	-		228mm x 228mm	32 pieces / 1.672m²
	CLIF-04	Clifton	2.5mm	0.5mm	Standard	V12	V19	V20	SP115	-		228mm x 228mm	32 pieces / 1.672m²
$\odot \odot \odot$	LANS-01	Lansdown	2.5mm	0.5mm	Standard	V20	SP115	-	-	-	Se	228mm x 228mm	16 pieces / 1.486m²
$\odot\odot\odot$	LANS-02	Lansdown	2.5mm	0.5mm	Standard	V20	V19	-	-	-	Ф	228mm x 228mm	16 pieces / 1.486m²
$\odot \odot \odot$	LANS-03	Lansdown	2.5mm	0.5mm	Standard	V20	SP115	V12	-	-	ndivio	228mm x 228mm	16 pieces / 1.486m²
$\odot \odot \odot$	LANS-04	Lansdown	2.5mm	0.5mm	Standard	V20	SP115	V13	-	-	ua.	228mm x 228mm	16 pieces / 1.486m²
000000	MAYF-01	Mayfair	2.5mm	0.5mm	Standard	V18	V12	V19	V20	SP115	prod	305mm x 305mm	16 pieces / 1.486m²
	MAYF-02	Mayfair	2.5mm	0.5mm	Standard	V15	V16	V12	V20	SP115	lucts	305mm x 305mm	16 pieces / 1.486m²
	MONT-01	Montpellier	2.5mm	0.5mm	Standard	V20	SP115	-	-	-	for sli	152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-02	Montpellier	2.5mm	0.5mm	Standard	SP115	V20	-	-	-	resist	152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-03	Montpellier	2.5mm	0.5mm	Standard	V19	V20	-	-	-	ance a	152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-04	Montpellier	2.5mm	0.5mm	Standard	V17	V20	-	-	-	nd LRV	152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-05	Montpellier	2.5mm	0.5mm	Standard	V14	V20	-	-	-	detail	152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-06	Montpellier	2.5mm	0.5mm	Standard	V12	V20	-	-	-	01	152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-07	Montpellier	2.5mm	0.5mm	Standard	V19	SP115	V20	-	-		152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²
	MONT-08	Montpellier	2.5mm	0.5mm	Standard	V18	SP115	V20	-	-		152mm x 152mm & 54mm x 54mm	50 tiles & 50 key squares / 1.161m²

Kaleidoscope	Code	Name	Thickness	Wear layer	Bevel		Produc	cts used			Size	Box quantity
***	KAL01	Pyramid	3.0mm	0.55mm	No	VGW80T	VGW83T	VGW89T	-		150mm face	72 pieces / 2.810m²
THE	KAL02	Cubix	2.0mm	0.3mm	No	ST8	STI3	ST14	-	ý	150mm face	150 pieces / 2.920m²
44.64	KAL03	Cubix	3.0mm	0.7mm	No	LM06	LM12	LM16	-	9	150mm face	126 pieces / 2.460m²
	KAL04	Pennon	3.0mm	0.7mm	No	LM09	LM12	LM16	-	dividu	150mm face	36 pieces / 2.100m²
·~ ·	KAL05	Half Pennon	3.0mm	0.55mm	No	VGW80T	VGW83T	-	-	Jal pr	150mm face	72 pieces / 2.100m²
	KAL06	Apex	2.5mm	0.55mm	No	WP418	-	-	-	oduc	150mm face	36 pieces / 2.800m²
	KAL07	Apex	2.0mm	0.3mm	No	KP95	-	-	-	ts for	150mm face	36 pieces / 2.800m²
	KAL08	Hexa	3.0mm	0.7mm	No	LM12	-	-	-	gip.	150mm face	36 pieces / 2.100m <sup>2</sup>
A.A.A.	KAL09	Hexa	2.0mm	0.3mm	No	ST8	ST13	-	-	resist	150mm face	36 pieces / 2.100m²
XXX	KAL10	Tripoint	2.0mm	0.3mm	No	KP103	KP104	KP104	-	ance	150mm face	72 pieces / 2.970m²
	KAL11	Woven Stone	2.5mm	0.55mm	No	SPIII	SP211	SP213	-	and LR	45mm x 95mm & 25mm x 25mm	32 pieces / 2.510m²
	KAL12	Woven Wood	2.5mm	0.55mm	No	WP311	WP318	-	-	V details	45mm x 95mm & 25mm x 25mm	32 pieces / 2.510m²
	KAL13	Cubix	2.0mm	0.3mm	No	KP97	KP103	KP105	-	lis'	150mm face	150 pieces / 2.920m²
1	KAL14	Apex	3.0mm	0.7mm	No	RP97	RP98	RP99	-		150mm face	36 pieces / 2.800m²

						Slip Resistance			
Kaleidoscope	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	SP219	Casablanca	2.5mm	0.55mm	Micro	RIO	46	457mm x 610mm	12 pieces / 3.340m²
	SP220	Marrakesh	2.5mm	0.55mm	Micro	R10	46	457mm x 610mm	12 pieces / 3.340m²

Solid Colours	Code	Name	Thickness	Wear layer	Revel	DIN 51130	LRV	Size	Box quantity
Jolia Colodi 3								3120	box quantity
	VI	Yellow	3.0mm	0.7mm	No	R10	45	_	
	V5	Green	3.0mm	0.7mm	No	R10	25	_	
	V6	Red	3.0mm	0.7mm	No	R10	13		
	V7	Blue	3.0mm	0.7mm	No	R10	10		
	V9	Black	3.0mm	0.7mm	No	R10	4		
	V10	White	3.0mm	0.7mm	No	R10	74		
	VII	Baby Blue	2.5mm	0.5mm	No	R10	41		
	V12	Azure	2.5mm	0.5mm	No	R10	21		Sizes and box quantity dependent
	V13	Laurel	2.5mm	0.5mm	No	R10	24		on customer requirements
	V14	Blush	2.5mm	0.5mm	No	R10	52		
	V15	Gold	2.5mm	0.5mm	No	R10	36		
	V16	Crimson	2.5mm	0.5mm	No	R10	13		
	V17	Taupe	2.5mm	0.5mm	No	R10	29		
	V18	Terracotta	2.5mm	0.5mm	No	R10	12		
	V19	Dove Grey	2.5mm	0.5mm	No	R10	24		
	V20	Lace	2.5mm	0.5mm	No	R10	71	_	

### WOOD PRODUCTS BY RANGE GLUEDOWN

						Slip Resistance			
Art Select	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
-	AP01	Blond Oak	3.0mm	0.7mm	Standard	RIO	27	228mm x 76mm	192 planks / 3.345m²
NI SALE	AP02	Auburn Oak	3.0mm	0.7mm	Standard	RIO	14	228mm x 76mm	192 planks / 3.345m²
	AP03	Black Oak	3.0mm	0.7mm	Standard	RIO	6	228mm x 76mm	192 planks / 3.345m²
	AP05	Spanish Cherry	3.0mm	0.7mm	Standard	R10	9	228mm x 76mm	192 planks / 3.345m²
200	AP06	Morning Oak	3.0mm	0.7mm	Standard	R10	16	228mm x 76mm	192 planks / 3.345m²
The same of the sa	AP07	Storm Oak	3.0mm	0.7mm	Standard	R10	27	228mm x 76mm	192 planks / 3.345m²
1/20	EW02	Hickory Peppercorn	3.0mm	0.7mm	Standard	R10	9	915mm x 152mm	24 planks / 3.345m²
	EW03	Hickory Nutmeg	3.0mm	0.7mm	Standard	R10	12	915mm x 152mm	24 planks / 3.345m²
	EW10	Natural Hickory	3.0mm	0.7mm	Standard	R10	36	1420mm x 228mm	10 planks / 3.252m²
4	EW11	Weathered Hickory	3.0mm	0.7mm	Standard	R10	33	1420mm x 228mm	10 planks / 3.252m²
	EW12	Vintage Hickory	3.0mm	0.7mm	Standard	R10	25	1420mm x 228mm	10 planks / 3.252m²
-	EW13	Classic Hickory	3.0mm	0.7mm	Standard	R10	33	1420mm x 228mm	10 planks / 3.252m²
	EW21	Reclaimed Chestnut	3.0mm	0.7mm	Standard	RII	15	1420mm x 228mm	10 planks / 3.252m²
-	HC01	Dawn Oak	3.0mm	0.7mm	Standard	R10	14	915mm x 152mm	24 planks / 3.345m²
	HC02	Morning Oak	3.0mm	0.7mm	Standard	R10	16	915mm x 152mm	24 planks / 3.345m²
	HC03	Dusk Oak	3.0mm	0.7mm	Standard	R10	17	915mm x 152mm	24 planks / 3.345m²
	HC06	Midnight Oak	3.0mm	0.7mm	Standard	R10	6	915mm x 152mm	24 planks / 3.345m²
	RL01	Spring Oak	3.0mm	0.7mm	Standard	R10	27	1219mm x 178mm	15 planks / 3.252m²
The state of	RL02	Summer Oak	3.0mm	0.7mm	Standard	R10	20	1219mm x 178mm	15 planks / 3.252m²
	RL04	Winter Oak	3.0mm	0.7mm	Standard	R10	8	1219mm x 178mm	15 planks / 3.252m²
	RL05	Spanish Cherry	3.0mm	0.7mm	Standard	R10	9	1219mm x 178mm	15 planks / 3.252m²
	RL12	Storm Oak	3.0mm	0.7mm	Standard	R10	27	1219mm x 178mm	15 planks / 3.252m²
	RL20	Prairie Oak	3.0mm	0.7mm	Standard	RII	29	1420mm x 228mm	10 planks / 3.252m²
	RL21	Glacier Oak	3.0mm	0.7mm	Standard	RII	41	1420mm x 228mm	10 planks / 3.252m²
	RL22	Mountain Oak	3.0mm	0.7mm	Standard	RII	41	1420mm x 228mm	10 planks / 3.252m²
	RL23	Savannah Oak	3.0mm	0.7mm	Standard	RII	41	1420mm x 228mm	10 planks / 3.252m²
	RPL-EW21	Reclaimed Chestnut (Random Plank)	3.0mm	0.7mm	Standard	RII	15	114mm, 152mm and 228mm	27 planks / 3.902m²
	SBW-RL01	Spring Oak	3.0mm	0.7mm	Standard	R10	27	114mm x 114mm / 305mm x 76mm	192 pieces / 3.484m²
	SBW-RL12	Storm Oak	3.0mm	0.7mm	Standard	RIO	27	114mm x 114mm / 305mm x 76mm	192 pieces / 3.484m²
===	SM-RL20	Prairie Oak	3.0mm	0.7mm	Standard	RII	29	457mm x 76mm	96 planks / 3.345m²
	SM-RL21	Glacier Oak	3.0mm	0.7mm	Standard	RII	41	457mm x 76mm	96 planks / 3.345m²
	SM-RL22	Mountain Oak	3.0mm	0.7mm	Standard	RII	41	457mm x 76mm	96 planks / 3.345m²
	SM-RL23	Savannah Oak	3.0mm	0.7mm	Standard	RII	41	457mm x 76mm	96 planks / 3.345m²

inci	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	RP11	American Oak	3.0mm	0.7mm	Standard	R10	37	915mm x 76mm	48 planks / 3.345m²
	RP41	Australian Walnut	3.0mm	0.7mm	Standard	R10	8	915mm x 76mm	48 planks / 3.345m²
	RP73	Kenyan Tigerwood	3.0mm	0.7mm	Standard	R10	20	915mm x 76mm	48 planks / 3.345m²
	RP90	Fresco Light Oak	3.0mm	0.7mm	Standard	R10	25	915mm x 76mm	48 planks / 3.345m²
88.	RP91	Lorenzo Warm Oak	3.0mm	0.7mm	Standard	R10	17	915mm x 76mm	48 planks / 3.345m²
	RP92	Arno Smoked Oak	3.0mm	0.7mm	Standard	R10	13	915mm x 76mm	48 planks / 3.345m²
	RP94	Scorched Oak	3.0mm	0.7mm	Standard	R10	10	915mm x 76mm	48 planks / 3.345m²
	RP95	Blended Oak	3.0mm	0.7mm	Standard	R10	12	915mm x 76mm	48 planks / 3.345m²
	RP96	Limed Silk Oak	3.0mm	0.7mm	Standard	R10	22	915mm x 76mm	48 planks / 3.345m²
	RP97	Limed Jute Oak	3.0mm	0.7mm	Standard	R10	19	915mm x 76mm	48 planks / 3.345m²
	RP98	Limed Linen Oak	3.0mm	0.7mm	Standard	R10	25	915mm x 76mm	48 planks / 3.345m²
	RP99	Limed Cotton Oak	3.0mm	0.7mm	Standard	R10	13	915mm x 76mm	48 planks / 3.345m²
	RP100	Coastal Driftwood	3.0mm	0.7mm	Standard	R10	17	915mm x 76mm	48 planks / 3.345m²
	RP101	Beach Driftwood	3.0mm	0.7mm	Standard	R10	12	915mm x 76mm	48 planks / 3.345m²
	RP102	Natural Oak	3.0mm	0.7mm	Standard	R10	28	915mm x 76mm	48 planks / 3.345m²
	RP103	Harvest Oak	3.0mm	0.7mm	Standard	R10	26	915mm x 76mm	48 planks / 3.345m²
-	RP104	Single Smoked Acacia	3.0mm	0.7mm	Standard	R10	13	915mm x 76mm	48 planks / 3.345m²
	RP105	Double Smoked Acacia	3.0mm	0.7mm	Standard	RIO	9	915mm x 76mm	48 planks / 3.345m²

#### Wood products by range (continued)

						Slip Resistance			
Van Gogh	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
1000	VG5-7	Burnt Ginger	3.0mm	0.55mm	Micro	RIO	17	1219mm x 178mm	15 planks / 3.252m²
	VGW52T	Auckland Oak	3.0mm	0.55mm	Micro	RIO	25	1219mm x 178mm	15 planks / 3.252m²
	VGW53T	Wellington Oak	3.0mm	0.55mm	Micro	RIO	22	1219mm x 178mm	15 planks / 3.252m²
	VGW70T	Smoked Oak	3.0mm	0.55mm	Micro	RIO	12	1219mm x 178mm	15 planks / 3.252m²
	VGW80T	White Washed Oak	3.0mm	0.55mm	Micro	RIO	56	1219mm x 178mm	15 planks / 3.252m²
	VGW81T	Country Oak	3.0mm	0.55mm	Micro	RIO	32	1219mm x 178mm	15 planks / 3.252m²
Section 1	VGW82T	Distressed Oak	3.0mm	0.55mm	Micro	RIO	29	1219mm x 178mm	15 planks / 3.252m²
	VGW83T	Frosted Birch	3.0mm	0.55mm	Micro	RIO	33	1219mm x 178mm	15 planks / 3.252m²
	VGW84T	Birch	3.0mm	0.55mm	Micro	RIO	24	1219mm x 178mm	15 planks / 3.252m²
	VGW85T	French Oak	3.0mm	0.55mm	Micro	RIO	35	1219mm x 178mm	15 planks / 3.252m²
-	VGW86T	Classic Oak	3.0mm	0.55mm	Micro	RIO	28	1219mm x 178mm	15 planks / 3.252m²
	VGW87T	Walnut	3.0mm	0.55mm	Micro	RIO	14	1219mm x 178mm	15 planks / 3.252m²
	VGW89T	Ebony	3.0mm	0.55mm	Micro	RIO	8	1219mm x 178mm	15 planks / 3.252m²
100	VGW93T	Hessian Oak	3.0mm	0.55mm	Micro	RIO	18	1219mm x 178mm	15 planks / 3.252m²
	VGW94T	Honey Oak	3.0mm	0.55mm	Micro	RIO	28	1219mm x 178mm	15 planks / 3.252m²
	VGW99T	Reclaimed Redwood	3.0mm	0.55mm	Micro	RIO	18	1219mm x 178mm	15 planks / 3.252m²
	VGW100T	Aged Redwood	3.0mm	0.55mm	Micro	RIO	27	1219mm x 178mm	15 planks / 3.252m²
	VGW102T	Charred Oak	3.0mm	0.55mm	Micro	RIO	8	1219mm x 178mm	15 planks / 3.252m²
	VGW107T	Blush Oak	3.0mm	0.55mm	Micro	RIO	50	1219mm x 178mm	15 planks / 3.252m²
	VGW110T	Greige Oak	3.0mm	0.55mm	Micro	RIO	33	1219mm x 178mm	15 planks / 3.252m²
	VGW111T	Light Distressed Oak	3.0mm	0.55mm	Micro	RIO	43	1219mm x 178mm	15 planks / 3.252m²
	VGW112T	Misty Grey Oak	3.0mm	0.55mm	Micro	RIO	28	1219mm x 178mm	15 planks / 3.252m²
	VGW113T	Cool Grey Oak	3.0mm	0.55mm	Micro	RIO	34	1219mm x 178mm	15 planks / 3.252m²
	VGW115T	Natural Prime Oak	3.0mm	0.55mm	Micro	RIO	35	1219mm x 178mm	15 planks / 3.252m²
	VGW120T	Grey Brushed Oak	3.0mm	0.55mm	Micro	RIO	38	1422mm x 228mm	15 planks / 3.252m²
	VGW121T	Warm Brushed Oak	3.0mm	0.55mm	Micro	RIO	30	1422mm x 228mm	15 planks / 3.252m²
	VGW122T	Golden Brushed Oak	3.0mm	0.55mm	Micro	RIO	23	1422mm x 228mm	15 planks / 3.252m²
E KO	VGW123T	Salvaged Barnwood	3.0mm	0.55mm	Micro	RIO	12	1422mm x 228mm	15 planks / 3.252m²
	VGW124T	Shadow Oak	3.0mm	0.55mm	Micro	RIO	26	1422mm x 228mm	15 planks / 3.252m²
	VGW125T	Nimbus Oak	3.0mm	0.55mm	Micro	RIO	21	1422mm x 228mm	15 planks / 3.252m²
	SM-VGW120T	Grey Brushed Oak	3.0mm	0.55mm	Micro	RIO	38	711mm x 177mm	15 planks / 3.252m²
	SM-VGW121T	Warm Brushed Oak	3.0mm	0.55mm	Micro	RIO	30	711mm x 177mm	15 planks / 3.252m²
-	SM-VGW122T	Golden Brushed Oak	3.0mm	0.55mm	Micro	RIO	23	711mm x 177mm	15 planks / 3.252m²
	SM-VGW123T	Salvaged Barnwood	3.0mm	0.55mm	Micro	RIO	12	711mm x 177mm	15 planks / 3.252m²
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						Slip Resistance			
pus	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
-	REN113	Weathered Elm	2.5mm	0.55mm	Micro	R10	27	915mm x 102mm	36 planks / 3.345m²
	WP311	Grano	2.5mm	0.55mm	Micro	R10	35	915mm x 152mm	24 planks / 3.345m²
	WP313	Ignea	2.5mm	0.55mm	Micro	R10	16	915mm x 152mm	24 planks / 3.345m²
	WP313-SR	Ignea	2.5mm	0.55mm	Micro	RII	16	915mm x 152mm	24 planks / 3.345m²
	WP314	Cera	2.5mm	0.55mm	Micro	R10	32	915mm x 152mm	24 planks / 3.345m²
	WP318	Carbo	2.5mm	0.55mm	Micro	RIO	6	915mm x 152mm	24 planks / 3.345m²
	WP318-SR	Carbo	2.5mm	0.55mm	Micro	RII	6	915mm x 152mm	24 planks / 3.345m²
	WP411	Niveus	2.5mm	0.55mm	Micro	R10	30	1219mm x 228mm	12 planks / 3.345m²
	WP411-SR	Niveus	2.5mm	0.55mm	Micro	RII	30	1219mm x 228mm	12 planks / 3.345m²
	WP412	Primo	2.5mm	0.55mm	Micro	R10	26	1219mm x 228mm	12 planks / 3.345m²
	WP412-SR	Primo	2.5mm	0.55mm	Micro	R10	26	1219mm x 228mm	12 planks / 3.345m²
	WP413	Magna	2.5mm	0.55mm	Micro	R10	26	1219mm x 228mm	12 planks / 3.345m²
	WP413-SR	Magna	2.5mm	0.55mm	Micro	RII	26	1219mm x 228mm	12 planks / 3.345m²
	WP414	Argen	2.5mm	0.55mm	Micro	R10	10	1219mm x 228mm	12 planks / 3.345m²
	WP418	Pallida	2.5mm	0.55mm	Micro	R10	27	1219mm x 228mm	12 planks / 3.345m²
	WP419	Fabrica	2.5mm	0.55mm	Micro	R10	44	1219mm x 228mm	12 planks / 3.345m²
	WP422	Columba	2.5mm	0.55mm	Micro	R10	47	1219mm x 228mm	12 planks / 3.345m²
	WP422-SR	Columba	2.5mm	0.55mm	Micro	RII	47	1219mm x 228mm	12 planks / 3.345m²
	WP423	Avena	2.5mm	0.55mm	Micro	RIO	33	1219mm x 228mm	12 planks / 3.345m²
	WP423-SR	Avena	2.5mm	0.55mm	Micro	RII	33	1219mm x 228mm	12 planks / 3.345m²

#### Wood products by range (continued)

						Slip Resistance			
Knight Tile	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
The same	KP38	Tudor Oak	2.0mm	0.3mm	No	R10	15	915mm x 102mm	36 planks / 3.345m²
and the last of th	KP39	Warm Oak	2.0mm	0.3mm	No	R10	29	915mm x 102mm	36 planks / 3.345m²
	KP40	American Oak	2.0mm	0.3mm	No	R10	30	915mm x 102mm	36 planks / 3.345m²
and the same	KP51	Arctic Driftwood	2.0mm	0.3mm	No	R10	36	915mm x 102mm	36 planks / 3.345m²
10000	KP67	Aran Oak	2.0mm	0.3mm	No	R10	18	915mm x 102mm	36 planks / 3.345m²
	KP91	Victorian Oak	2.0mm	0.3mm	No	R10	20	915mm x 102mm	36 planks / 3.345m²
STATE .	KP94	Pale Limed Oak	2.0mm	0.3mm	No	R10	31	915mm x 152mm	24 planks / 3.345m²
-	KP95	Rose Washed Oak	2.0mm	0.3mm	No	R10	32	915mm x 152mm	24 planks / 3.345m²
SECTION.	KP96	Mid Limed Oak	2.0mm	0.3mm	No	R10	18	915mm x 152mm	24 planks / 3.345m²
127-119	KP97	Classic Limed Oak	2.0mm	0.3mm	No	R10	19	915mm x 152mm	24 planks / 3.345m²
	KP98	Aged Oak	2.0mm	0.3mm	No	R10	9	915mm x 152mm	24 planks / 3.345m²
1	KP99	Lime Washed Oak	2.0mm	0.3mm	No	R10	36	915mm x 152mm	24 planks / 3.345m²
	KP102	Mid Brushed Oak	2.0mm	0.3mm	No	R10	14	915mm x 152mm	24 planks / 3.345m²
	KP103	Mid Worn Oak	2.0mm	0.3mm	No	R10	13	915mm x 152mm	24 planks / 3.345m²
The state of the s	KP104	Light Worn Oak	2.0mm	0.3mm	No	R10	25	915mm x 152mm	24 planks / 3.345m²
	KP105	White Painted Oak	2.0mm	0.3mm	No	R10	60	915mm x 152mm	24 planks / 3.345m²
	KP131	Grey Scandi Pine	2.0mm	0.3mm	No	R10	48	915mm x 152mm	24 planks / 3.345m²
	KP132	Washed Scandi Pine	2.0mm	0.3mm	No	R10	63	915mm x 152mm	24 planks / 3.345m²
	KP133	Natural Scandi Pine	2.0mm	0.3mm	No	RIO	53	915mm x 152mm	24 planks / 3.345m²
	KP136	Coastal Sawn Oak	2.0mm	0.3mm	No	RIO	42	915mm x 152mm	24 planks / 3.345m²
- Comment	KP138	Grey Limed Oak	2.0mm	0.3mm	No	R10	33	915mm x 152mm	24 planks / 3.345m²
	KP141	Urban Spotted Gum	2.0mm	0.3mm	No	R10	22	915mm x 152mm	24 planks / 3.345m²
- Contract	SM-KP94	Pale Limed Oak	2.0mm	0.3mm	No	R10	31	457mm x 76mm	96 planks / 3.345m²
-	SM-KP99	Lime Washed Oak	2.0mm	0.3mm	No	RIO	36	457mm x 76mm	96 planks / 3.345m²
-	SM-KP132	Washed Scandi Pine	2.0mm	0.3mm	No	R10	63	457mm x 76mm	96 planks / 3.345m²
SO COL	SM-KP138	Grey Limed Oak	2.0mm	0.3mm	No	R10	33	457mm x 76mm	96 planks / 3.345m²

144 | Karndean Designflooring Commercial

### WOOD PRODUCTS BY RANGE LOOSE LAY

						Slip Resistance			
LooseLay	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	LLP92	Country Oak	4.5mm	0.55mm	No	RIO	34	1050mm x 250mm	12 planks / 3.150m²
	LLP93	Dover	4.5mm	0.55mm	No	RIO	7	1050mm x 250mm	12 planks / 3.150m²
IN SETS	LLP94	Newport	4.5mm	0.55mm	No	RIO	34	1050mm x 250mm	12 planks / 3.150m²
-	LLP95	Ashland	4.5mm	0.55mm	No	RIO	38	1050mm x 250mm	12 planks / 3.150m²
	LLP96	Salem	4.5mm	0.55mm	No	R10	11	1050mm x 250mm	12 planks / 3.150m²
Times in	LLP97	Winchester	4.5mm	0.55mm	No	RIO	20	1050mm x 250mm	12 planks / 3.150m <sup>2</sup>
CONTRACTOR OF THE PARTY OF THE	LLP99	Hudson	4.5mm	0.55mm	No	R10	31	1050mm x 250mm	12 planks / 3.150m²
	LLP101	Traditional Oak	4.5mm	0.55mm	No	R10	28	1050mm x 250mm	12 planks / 3.150m²
MEAN	LLP102	Heritage Oak	4.5mm	0.55mm	No	R10	14	1050mm x 250mm	12 planks / 3.150m²
	LLP103	Weathered Timber	4.5mm	0.55mm	No	RIO	21	1050mm x 250mm	12 planks / 3.150m²
-	LLP104	Rustic Timber	4.5mm	0.55mm	No	R10	12	1050mm x 250mm	12 planks / 3.150m²
-	LLP105	Vintage Timber	4.5mm	0.55mm	No	R10	29	1050mm x 250mm	12 planks / 3.150m²
	LLP106	Antique Timber	4.5mm	0.55mm	No	R10	20	1050mm x 250mm	12 planks / 3.150m²
-	LLP108	Providence	4.5mm	0.55mm	No	RIO	31	1050mm x 250mm	12 planks / 3.150m²
-	LLP109	Stamford	4.5mm	0.55mm	No	RIO	21	1050mm x 250mm	12 planks / 3.150m²
	LLP110	Burlington	4.5mm	0.55mm	No	R10	12	1050mm x 250mm	12 planks / 3.150m²
	LLP111	Boston	4.5mm	0.55mm	No	R10	12	1050mm x 250mm	12 planks / 3.150m²
Total Property	LLP112	Hartford	4.5mm	0.55mm	No	RIO	16	1050mm x 250mm	12 planks / 3.150m²
-	LLP113	Cambridge	4.5mm	0.55mm	No	R10	30	1050mm x 250mm	12 planks / 3.150m²
Laurelau									
LooseLay Longboard	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	LLP301	Twilight Oak	4.5mm	0.55mm	No	RIO	20	1500mm x 250mm	8 planks / 3.000m²
	LLP302	Raven Oak	4.5mm	0.55mm	No	RIO	11	1500mm x 250mm	8 planks / 3.000m²
	LLP303	Antique Heart Pine	4.5mm	0.55mm	No	RIO	11	1500mm x 250mm	8 planks / 3.000m²
	LLP304	Weathered Heart Pine	4.5mm	0.55mm	No	RIO	31	1500mm x 250mm	8 planks / 3.000m²
4 25 34	LLP305	Reclaimed Heart Pine	4.5mm	0.55mm	No	RIO	20	1500mm x 250mm	8 planks / 3.000m²
	LLP306	Pearl Oak	4.5mm	0.55mm	No	RIO	40	1500mm x 250mm	8 planks / 3.000m²
	LLP307	Neutral Oak	4.5mm	0.55mm	No	RIO	21	1500mm x 250mm	8 planks / 3.000m²
	LLP308	French Grey Oak	4.5mm	0.55mm	No	R10	29	1500mm x 250mm	8 planks / 3.000m²
	LLP310	Champagne Oak	4.5mm	0.55mm	No	RIO	31	1500mm x 250mm	8 planks / 3.000m²
	LLP311	Bleached Tasmanian Oak	4.5mm	0.55mm	No	RIO	58	1500mm x 250mm	8 planks / 3.000m²
	LLP315	Character Walnut	4.5mm	0.55mm	No	RIO	14	1500mm x 250mm	8 planks / 3.000m²
	LLP317	Lemon Spotted Gum	4.5mm	0.55mm	No	RIO	26	1500mm x 250mm	8 planks / 3.000m²

### WOOD PRODUCTS BY RANGE RIGID CORE

						Slip Resistance			
Korlok	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
-	RKP8101	Baltic Washed Oak	6.5mm	0.55mm	Micro	RIO	28	1420mm x 225mm	10 planks / 3.195m²
	RKP8103	Warm Ash	6.5mm	0.55mm	Micro	RIO	30	1420mm x 225mm	10 planks / 3.195m²
	RKP8104	Washed Grey Ash	6.5mm	0.55mm	Micro	RIO	24	1420mm x 225mm	10 planks / 3.195m²
	RKP8105	Texas White Ash	6.5mm	0.55mm	Micro	RIO	41	1420mm x 225mm	10 planks / 3.195m²
-	RKP8107	Smoked Butternut	6.5mm	0.55mm	Micro	RIO	19	1420mm x 225mm	10 planks / 3.195m²
	RKP8110	Antique French Oak	6.5mm	0.55mm	Micro	RIO	10	1420mm x 225mm	10 planks / 3.195m²
- Property	RKP8111	Baltic Limed Oak	6.5mm	0.55mm	Micro	RIO	25	1420mm x 225mm	10 planks / 3.195m²
	RKP8112	Baltic Mistral Oak	6.5mm	0.55mm	Micro	RIO	18	1420mm x 225mm	10 planks / 3.195m²
	RKP8115	English Character Oak	6.5mm	0.55mm	Micro	RIO	27	1420mm x 225mm	10 planks / 3.195m²
BALL ST	RKP8116	Canadian Urban Oak	6.5mm	0.55mm	Micro	RIO	28	1420mm x 225mm	10 planks / 3.195m²
200	RKP8117	Canadian Nude Oak	6.5mm	0.55mm	Micro	RIO	37	1420mm x 225mm	10 planks / 3.195m²

#### Wood products by range (continued)

						Slip Resistance			
Van Gogh	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
-	VGW81T-SCB	Country Oak	5.5mm	0.55mm	Micro	RIO	32	1220mm x 180mm	10 planks / 2.196m²
	VGW82T-SCB	Distressed Oak	5.5mm	0.55mm	Micro	RIO	29	1220mm x 180mm	10 planks / 2.196m²
	VGW85T-SCB	French Oak	5.5mm	0.55mm	Micro	RIO	35	1220mm x 180mm	10 planks / 2.196m²
	VGW86T-SCB	Classic Oak	5.5mm	0.55mm	Micro	RIO	28	1220mm x 180mm	10 planks / 2.196m²
	VGW107T-SCB	Blush Oak	5.5mm	0.55mm	Micro	RIO	50	1220mm x 180mm	10 planks / 2.196m²
and Art	VGW110T-SCB	Greige Oak	5.5mm	0.55mm	Micro	RIO	33	1220mm x 180mm	10 planks / 2.196m²
	VGW112T-SCB	Misty Grey Oak	5.5mm	0.55mm	Micro	RIO	28	1220mm x 180mm	10 planks / 2.196m²
-	VGW115T-SCB	Natural Prime Oak	5.5mm	0.55mm	Micro	RIO	34	1220mm x 180mm	10 planks / 2.196m²
1000	VGW120T-RKP	Grey Brushed Oak	6.5mm	0.55mm	Micro	RIO	38	1420mm x 225mm	10 planks / 3.195m²
-	VGW121T-RKP	Warm Brushed Oak	6.5mm	0.55mm	Micro	RIO	30	1420mm x 225mm	10 planks / 3.195m²
S. Car	VGW122T-RKP	Golden Brushed Oak	6.5mm	0.55mm	Micro	RIO	23	1420mm x 225mm	10 planks / 3.195m²
Francis To	VGW123T-RKP	Salvaged Barnwood	6.5mm	0.55mm	Micro	RIO	12	1420mm x 225mm	10 planks / 3.195m²
Service .	SM-VGW120T-RKP	Grey Brushed Oak	6.5mm	0.55mm	Micro	RIO	38	177mm x 708mm	24 planks / 3.008m²
F-10.28	SM-VGW121T-RKP	Warm Brushed Oak	6.5mm	0.55mm	Micro	RIO	30	177mm x 708mm	24 planks / 3.008m²
10 - 10 - 10 miles	SM-VGW122T-RKP	Golden Brushed Oak	6.5mm	0.55mm	Micro	RIO	23	177mm x 708mm	24 planks / 3.008m²
	SM-VGW123T-RKP	Salvaged Barnwood	6.5mm	0.55mm	Micro	RIO	12	177mm x 708mm	24 planks / 3.008m²

Design is an endless journey 147

### STONE PRODUCTS BY RANGE GLUEDOWN

						Slip Resistance			
Art Select	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
Teles of	LM01	Jersey	3.0mm	0.7mm	Standard	R10	49	915mm x 915mm	4 panels / 3.720m²
是 为 200	LM02	Guernsey	3.0mm	0.7mm	Standard	R10	35	915mm x 915mm	4 panels / 3.720m²
	LM03	Alderney	3.0mm	0.7mm	Standard	RIO	59	915mm x 915mm	4 panels / 3.720m²
200	LM05	Melbourne	3.0mm	0.7mm	Standard	R10	18	457mm x 610mm	12 tiles / 3.345m²
7-1-1	LM06	Canberra	3.0mm	0.7mm	Standard	R10	10	457mm x 610mm	12 tiles / 3.345m²
90	LM07	Washburn	3.0mm	0.7mm	Standard	R10	49	457mm x 610mm	12 tiles / 3.345m²
- 2	LM08	Caldera	3.0mm	0.7mm	Standard	R10	31	457mm x 610mm	12 tiles / 3.345m²
The same	LM09	Gallatin	3.0mm	0.7mm	Standard	R10	42	457mm x 610mm	12 tiles / 3.345m²
	LM10	Ashford	3.0mm	0.7mm	Standard	R10	10	915mm x 915mm	4 panels / 3.720m²
	LM11	Oakeley	3.0mm	0.7mm	Standard	R10	17	915mm x 915mm	4 panels / 3.720m²
	LM12	Corris	3.0mm	0.7mm	Standard	R10	21	915mm x 915mm	4 panels / 3.720m²
	LM15	Otono	3.0mm	0.7mm	Standard	R10	19	406mm x 406mm	20 tiles / 3.303m²
	LM15-CLIP	Otono	3.0mm	0.7mm	Standard	R10	19	406mm x 406mm	20 tiles / 3.303m²
	LM16	Fiore	3.0mm	0.7mm	Standard	RIO	61	406mm x 406mm	20 tiles / 3.303m²
	LM16-CLIP	Fiore	3.0mm	0.7mm	Standard	RIO	61	406mm x 406mm	20 tiles / 3.303m²
	LM20	Herm	3.0mm	0.7mm	Standard	R10	13	915mm x 915mm	4 panels / 3.720m²
45	LM21	Oakeley	3.0mm	0.7mm	Standard	R10	21	457mm x 610mm	12 tiles / 3.345m²
Service of the servic	LM22	Corris	3.0mm	0.7mm	Standard	RIO	17	457mm x 610mm	12 tiles / 3.345m²
Ben a	LM27	Washburn	3.0mm	0.7mm	Standard	RIO	49	915mm x 152mm	24 tiles / 3.345m²
1 10	LM28	Caldera	3.0mm	0.7mm	Standard	RIO	31	915mm x 152mm	24 tiles / 3.345m²
	LM29	Gallatin	3.0mm	0.7mm	Standard	R10	42	915mm x 152mm	24 tiles / 3.345m²

Da Vinci	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	CC04	Alabaster	3.0mm	0.7mm	Standard	R10	75	406mm x 406mm	20 tiles / 3.303m²
関の受験	CC06	Graphite	3.0mm	0.7mm	Standard	R10	14	406mm x 406mm	20 tiles / 3.303m²
	CK25	Noir	3.0mm	0.7mm	Standard	R10	8	406mm x 406mm	20 tiles / 3.303m²
120	CERII	Molten	3.0mm	0.7mm	Standard	R10	11	305mm x 457mm	24 tiles / 3.345m²
	CER12	Iron Ore	3.0mm	0.7mm	Standard	RIO	9	305mm x 457mm	24 tiles / 3.345m²
P (585.5)	CER13	Eisen	3.0mm	0.7mm	Standard	R10	9	305mm x 457mm	24 tiles / 3.345m²
	CER14	Carbon	3.0mm	0.7mm	Standard	R10	9	305mm x 457mm	24 tiles / 3.345m²
	CER15	Dune	3.0mm	0.7mm	Standard	R10	35	305mm x 457mm	24 tiles / 3.345m²
I Taken	CER16	Sable	3.0mm	0.7mm	Standard	R10	21	305mm x 457mm	24 tiles / 3.345m²
	CER17	Drift	3.0mm	0.7mm	Standard	R10	21	305mm x 457mm	24 tiles / 3.345m²
	CER18	Bluff	3.0mm	0.7mm	Standard	R10	53	305mm x 457mm	24 tiles / 3.345m²
2011	CER19	Burnet	3.0mm	0.7mm	Standard	R10	19	305mm x 457mm	24 tiles / 3.345m²
250000	CER20	Cambric	3.0mm	0.7mm	Standard	R10	31	305mm x 457mm	24 tiles / 3.345m²
	CER21	Sindon	3.0mm	0.7mm	Standard	R10	12	305mm x 457mm	24 tiles / 3.345m²
100	LST02	Sienna Limestone	3.0mm	0.7mm	Standard	R10	53	406mm x 406mm	20 tiles / 3.303m²
-71	LST03	Piazza Limestone	3.0mm	0.7mm	Standard	R10	49	406mm x 406mm	20 tiles / 3.303m²
THE REAL PROPERTY.	LST04	Spirito Limestone	3.0mm	0.7mm	Standard	R10	40	406mm x 406mm	20 tiles / 3.303m²
THE STATE OF	LST05	Santi Limestone	3.0mm	0.7mm	Standard	R10	26	406mm x 406mm	20 tiles / 3.303m²

Opus	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
1.600	SM-SP216	Fumo	2.5mm	0.55mm	Micro	R10	23	457mm x 76mm	96 pieces / 3.345m²
	SM-SP217	Argento	2.5mm	0.55mm	Micro	R10	35	457mm x 76mm	96 pieces / 3.345m²
	SPIII	Luna	2.5mm	0.55mm	Micro	RIO	66	457mm x 457mm	16 tiles / 3.345m²
	SP112	Solis	2.5mm	0.55mm	Micro	RIO	61	457mm x 457mm	16 tiles / 3.345m²
100	SP114	Ombra	2.5mm	0.55mm	Micro	RIO	10	457mm x 457mm	16 tiles / 3.345m²
	SP115	Nero	2.5mm	0.55mm	Micro	RIO	8	457mm x 457mm	16 tiles / 3.345m²
	SP211	Mico	2.5mm	0.55mm	Micro	RIO	45	457mm x 610mm	12 tiles / 3.345m²
	SP212	Terra	2.5mm	0.55mm	Micro	RIO	45	457mm x 610mm	12 tiles / 3.345m²
-	SP213	Urbus	2.5mm	0.55mm	Micro	RIO	23	457mm x 610mm	12 tiles / 3.345m²
	SP213-SR	Urbus	2.5mm	0.55mm	Micro	RII	23	457mm x 610mm	12 tiles / 3.345m²

#### Stone products by range (continued)

						Slip Resistance			
Opus	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
-	SP214	Forma	2.5mm	0.55mm	Micro	R10	16	457mm x 610mm	12 tiles / 3.345m²
dia in	SP215	Ferra	2.5mm	0.55mm	Micro	RIO	13	457mm x 610mm	12 tiles / 3.345m²
	SP216	Fumo	2.5mm	0.55mm	Micro	RIO	23	457mm x 610mm	12 tiles / 3.345m²
	SP216-SR	Fumo	2.5mm	0.55mm	Micro	RII	23	457mm x 610mm	12 tiles / 3.345m²
	SP217	Argento	2.5mm	0.55mm	Micro	R10	35	457mm x 610mm	12 tiles / 3.345m²
1817	SP217-SR	Argento	2.5mm	0.55mm	Micro	RII	35	457mm x 610mm	12 tiles / 3.345m²
	SP218	Lutum	2.5mm	0.55mm	Micro	RIO	9	457mm x 610mm	12 tiles / 3.345m²
	SP218-SR	Lutum	2.5mm	0.55mm	Micro	RII	9	457mm x 610mm	12 tiles / 3.345m²
Knight Tile	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	ST5	Soapstone	2.0mm	0.3mm	No	RIO	55	305mm x 305mm	36 tiles / 3.345m²
	ST8	Balin Stone	2.0mm	0.3mm	No	RIO	64	305mm x 305mm	36 tiles / 3.345m²
	ST10	Damas Stone	2.0mm	0.3mm	No	RIO	48	305mm x 305mm	36 tiles / 3.345m²
4-31	STII	York Stone	2.0mm	0.3mm	No	RIO	44	305mm x 457mm	24 tiles / 3.345m²
	ST12	Bath Stone	2.0mm	0.3mm	No	RIO	39	305mm x 457mm	24 tiles / 3.345m²
	ST13	Portland Stone	2.0mm	0.3mm	No	RIO	34	305mm x 457mm	24 tiles / 3.345m²
	ST14	Cumbrian Stone	2.0mm	0.3mm	No	RIO	18	305mm x 457mm	24 tiles / 3.345m²
3/10	ST15	Black Riven Slate	2.0mm	0.3mm	No	RIO	11	305mm x 457mm	24 tiles / 3.345m²
	ST16	Grey Riven Slate	2.0mm	0.3mm	No	RIO	28	305mm x 457mm	24 tiles / 3.345m²
	ST17	Honed Oyster Slate	2.0mm	0.3mm	No	RIO	63	305mm x 457mm	24 tiles / 3.345m²
	T74	Midnight Black	2.0mm	0.3mm	No	RIO	8	305mm x 305mm	36 tiles / 3.345m²
	T88	Onyx	2.0mm	0.3mm	No	RIO	8	305mm x 305mm	36 tiles / 3.345m²
10/23	T90	Carrara	2.0mm	0.3mm	No	RIO	55	305mm x 305mm	36 tiles / 3.345m²
	T98	Cara	2.0mm	0.3mm	No	RIO	59	305mm x 305mm	36 tiles / 3.345m²
1 200	T100	Orkney	2.0mm	0.3mm	No	RIO	11	305mm x 305mm	36 tiles / 3.345m²
12 13	T101	Jura	2.0mm	0.3mm	No	RIO	20	305mm x 305mm	36 tiles / 3.345m²

#### STONE PRODUCTS BY RANGE - LOOSE LAY

						Slip Resistance			
LooseLay	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
-	LLT200	Arizona	4.5mm	0.55mm	No	RIO	19	500mm x 610mm	10 tiles / 3.050m²
100	LLT201	Colorado	4.5mm	0.55mm	No	RIO	32	500mm x 610mm	10 tiles / 3.050m²
	LLT202	Indiana	4.5mm	0.55mm	No	RIO	44	500mm x 610mm	10 tiles / 3.050m²
TO BOOK	LLT203	Madison	4.5mm	0.55mm	No	RIO	8	500mm x 610mm	10 tiles / 3.050m²
	LLT204	Pennsylvania	4.5mm	0.55mm	No	RIO	18	500mm x 610mm	10 tiles / 3.050m²
	LLT205	Nevada	4.5mm	0.55mm	No	RIO	18	500mm x 610mm	10 tiles / 3.050m²
1000	LLT206	Georgia	4.5mm	0.55mm	No	RIO	18	500mm x 610mm	10 tiles / 3.050m²
THE WAY	LLT207	Texas	4.5mm	0.55mm	No	RIO	18	500mm x 610mm	10 tiles / 3.050m²
	LLT212	Dakota	4.5mm	0.55mm	No	RIO	19	500mm x 610mm	10 tiles / 3.050m²
	LLT214	Seattle	4.5mm	0.55mm	No	R10	47	500mm x 610mm	10 tiles / 3.050m²
	LLT215	Alaska	4.5mm	0.55mm	No	RIO	43	500mm x 610mm	10 tiles / 3.050m²
	LLT216	Utah	4.5mm	0.55mm	No	RIO	35	500mm x 610mm	10 tiles / 3.050m²
	LLT217	Vermont	4.5mm	0.55mm	No	RIO	20	500mm x 610mm	10 tiles / 3.050m²
200	LLT218	Ontario	4.5mm	0.55mm	No	RIO	37	500mm x 610mm	10 tiles / 3.050m²
15 5 5 1	LLT219	Quebec	4.5mm	0.55mm	No	RIO	40	500mm x 610mm	10 tiles / 3.050m²

#### STONE PRODUCTS BY RANGE - RIGID CORE

						Slip Resistance			
Korlok	Code	Name	Thickness	Wear layer	Bevel	DIN 51130	LRV	Size	Box quantity
	RKT2401	Frosted Stone	6.5mm	0.55mm	Micro	RIO	51	457mm x 600mm	10 tiles / 2.742m²
	RKT2402	Urban Grey	6.5mm	0.55mm	Micro	RIO	22	457mm x 600mm	10 tiles / 2.742m²
	RKT2403	Metro Grey	6.5mm	0.55mm	Micro	RIO	29	457mm x 600mm	10 tiles / 2.742m²
	RKT2405	Cotswold Stone	6.5mm	0.55mm	Micro	RIO	40	457mm x 600mm	10 tiles / 2.742m²
	RKT2406	Volcanic Black	6.5mm	0.55mm	Micro	RIO	16	457mm x 600mm	10 tiles / 2.742m²

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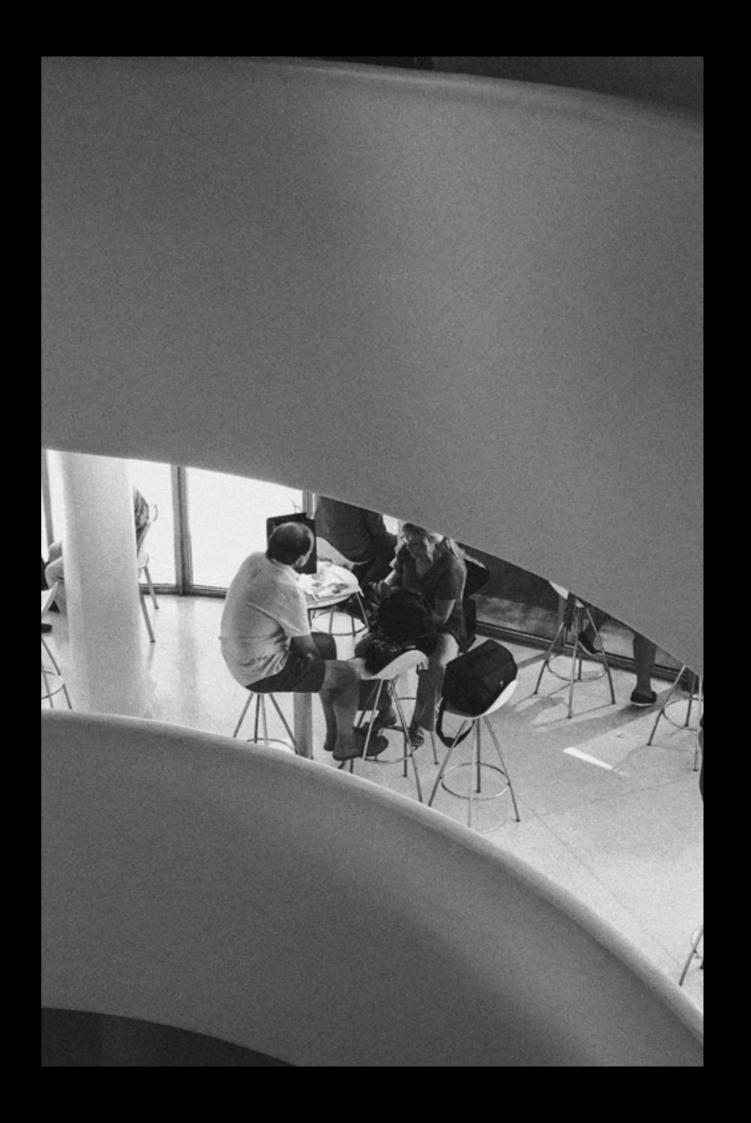
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