KNIGHT TILE

Our Knight Tile collection offers a considered edit of both traditional woods and stones in a range of formats, as well as more expressive designs. With a 0.3mm wear layer, Knight Tile is perfectly suited for lower footfall commercial spaces and housebuild.

Karndean

KARNDEAN EVOLVE®

Sustainable manufacturing.
Complete supply chain transparency.
Closed loop product life cycles.
And an even stronger commitment to
fair and inclusive workplaces.

Sustainability is a journey that requires a roadmap.

Ours is a detailed model that includes six areas of focus.

It's a continuing journey, and there are no shortcuts. But we know now is the time for everyone to begin taking bigger steps. Ours is a promise to think differently, act decisively, and create real change.

It's a promise to Evolve.

Five decades ago, our family-owned business was founded on innovation, bold action and a pioneering spirit. Fifty years later, those same ideals guide us forward. Because the future demands change.

It's time to create a better tomorrow.

Guaranteed quality
Our factories are ISO 9001 certified

Environmental responsibility
ISO 14001 certified for sustainable practices

Transparency
Third-party verified, product and region specific EPDs

Recycled material
Up to 50% recycled material in the backing layers

Long lasting, lower impact
Durable, high quality flooring reduces the need for replacement

Low VOCs
Eurofins Indoor Air Comfort (Gold) certified

Karndean Evolve® is not only about the planet, but it's about the people too.
Six focus areas drive us forward.

01 Confronting climate change

02 Health and wellbeing

03 Sustainable use of resources

04 Diversity and inclusion

05 Supply chain transparency

06 Education

Karndean evolve®

WE'RE CREATING A BETTER TOMORROW.

Scan here to learn more

Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

SILVER CERTIFIED NSF/ANSI 332 Sustainable Resilient Flooring

PVC STEWARDSHIP

MEMBER 2020–2021

mindful MATERIALS

PVC MADE USING BEST ENVIRONMENTAL PRACTICE™

MULTIFORMAT

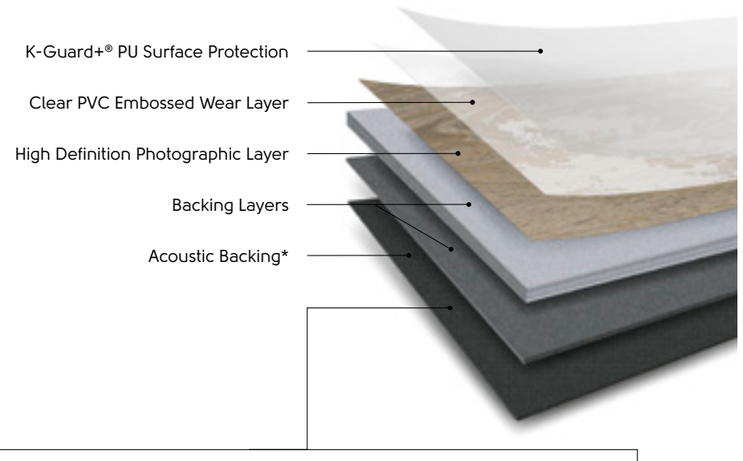
Be led by design with our Knight Tile multiformat products

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.

Knight Tile GLUEDOWN

Why Knight Tile gluedown?

- Use our cutting service to create a bespoke look.
- No expansion gap required.
- Available in a wide range of designs, colours, textures and sizes.



Knight Tile Quiet GLUEDOWN

Quiet Confidence for every floor

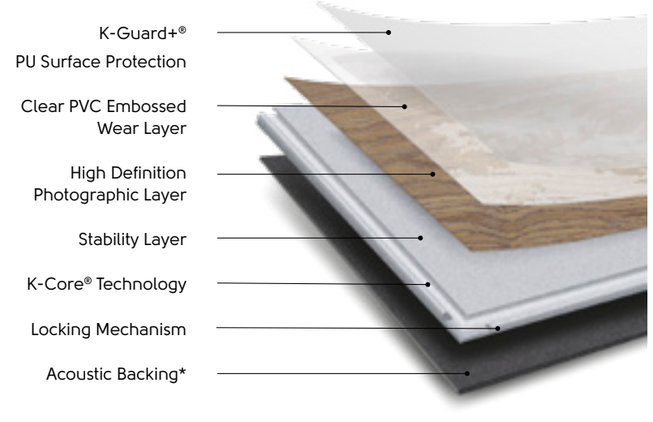
Because every decibel counts, the Knight Tile Quiet range delivers up to **18dB** impact sound reduction to exceed building regulations, offering reliable compliance and Karndean's trusted performance for design focused, cost-conscious shared spaces.

Five of our best-selling Knight Tile gluedown designs are stocked in acoustic versions, with all other plank designs available to order available to order, with a 6 month lead time and a minimum order quantity of 4800sqm, to create quieter, more comfortable commercial spaces.

Knight Tile RIGID CORE

Why Knight Tile rigid core?

- Quick and easy to install.
- Suitable for subfloors that are <95% RH, helping reduce moisture.
- Reduces noise transfer to rooms below by 19dB.
- Hides subfloor imperfections.



*Knight Tile Quiet products only.

Gluedown: 915mm x 152mm | *457mm x 76mm

Rigid core: 914mm x 150mm

Nordic Limed Oak
KP153

Grey Studio Oak
KP152

Norfolk Acacia
KP159

Grey Limed Oak
KP138 | **SM-KP138*** | **KP138-QT** | **SCB-KP138-6**

Dutch Limed Oak
KP154 | **SM-KP154*** | **KP154-QT** | **SCB-KP154-6**

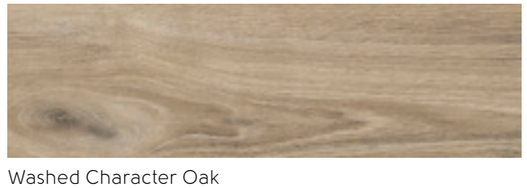
Rose Washed Oak
KP95 | **SM-KP95*** | **SCB-KP95-6**

Wells Acacia
KP160 | **SM-KP160***

Lime Washed Oak
KP99 | **SM-KP99*** | **KP99-QT** | **SCB-KP99-6**

Coastline Oak
KP147

Quayside Oak
KP148



Washed Character Oak
KP144 | **SM-KP144*** | **SCB-KP144-6**

Duxbury Acacia
KP161 | **SM-KP161***

Gluedown: 915mm x 152mm | *457mm x 76mm

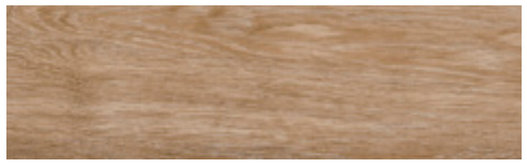
Rigid core: 914mm x 150mm

Natural Studio Oak
KP151

Mid Limed Oak
KP96

Natural Character Oak
KP145

Russet Character Oak
KP163 | **KP163-QT**

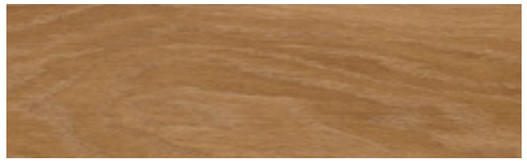


Pale Limed Oak
KP94 | **SM-KP94*** | **KP94-QT** | **SCB-KP94-6**

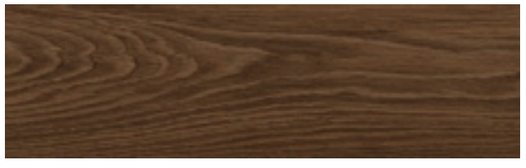
Mid Worn Oak
KP103

Traditional Character Oak
KP146 | **SM-KP146*** | **SCB-KP146-6**

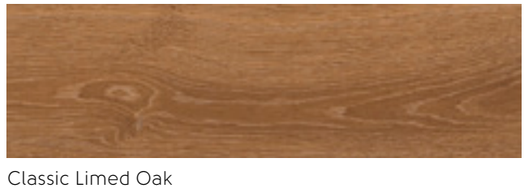
Aged Oak
KP98



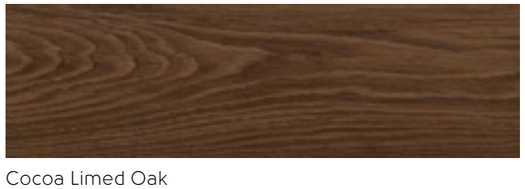
Honey Limed Oak
KP155 | **SM-KP155***



Nutmeg Limed Oak
KP164 | **SM-KP164***



Classic Limed Oak
KP97



Cocoa Limed Oak
KP165 | **SM-KP165***

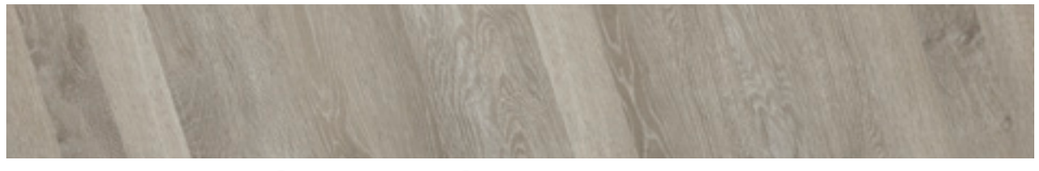
Lime Washed Oak **CH-KP99**

Gluedown: 1219mm x 229mm

Rigid core: 1220mm x 225mm

Rose Washed Oak **CH-KP95** | **SCB-CH-KP95**

Lime Washed Oak **CH-KP99** | **SCB-CH-KP99**

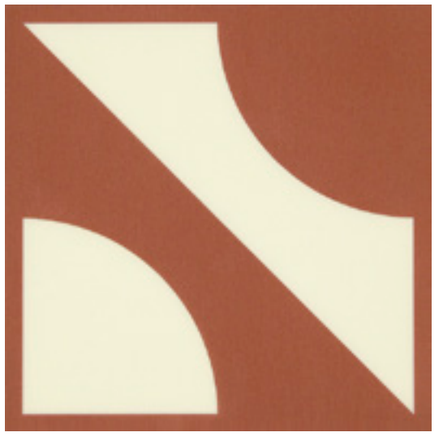


Grey Washed Oak **CH-KP156** | **SCB-CH-KP156**

CURIO

Discover joyful design with our new tessalating tile.

Inspired by graphic design, architectual geometry, and the principles of symmetry and repetition, the design is intentionally simple yet visually expressive. Its modular format invites creative tessellation, allowing each tile to be rotated and repeated to form patterns that feel either subtle and rhythmic or bold and dynamic.



Curio Terracotta **ST35**

Curio Sage **ST36**

Curio Navy **ST37**

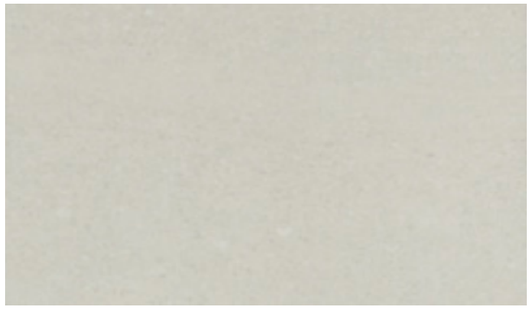
Curio Graphite **ST38**

Curio Sage **ST36** | Nordic Limed Oak **KP153**

Gluedown: 305mm x 457mm

Rigid core: 305mm x 457mm

Frosted Marble **ST26** | **SCB-ST26-18**

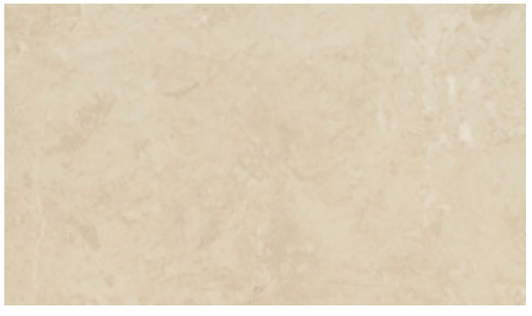


Honed Oyster Slate **ST17**

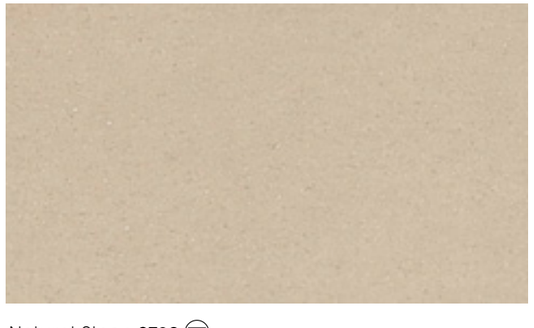
River Marble **ST31**

Dove Grey Concrete **ST21** | **SCB-ST21-18**

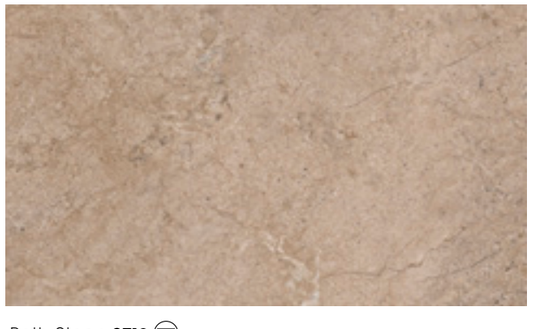
Ivory Riven Slate **ST18** | **SCB-ST18-18**



Natural Limestone **ST33**



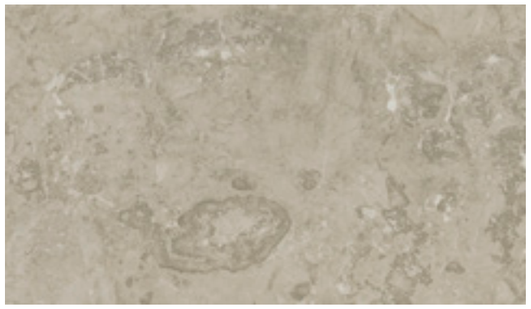
Natural Stone **ST29**



Bath Stone **ST12**

Gluedown: 305mm x 457mm

Rigid core: 305mm x 457mm

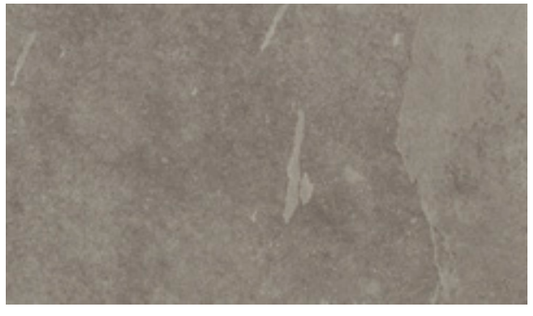


Lunar Limestone **ST32**

Portland Stone **ST13**

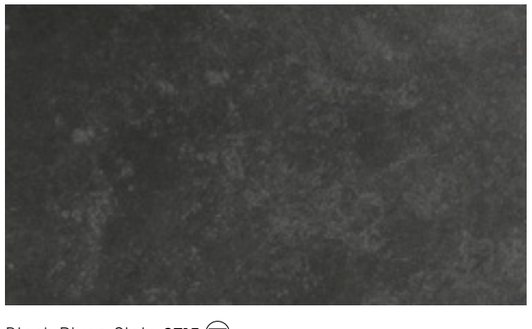
Honed Pebble Slate **ST20** | **SCB-ST20-18**

Smoked Concrete **ST22**



Grey Riven Slate **ST16** | **SCB-ST16-18**

Cumbrian Stone **ST14** | **SCB-ST14-18**



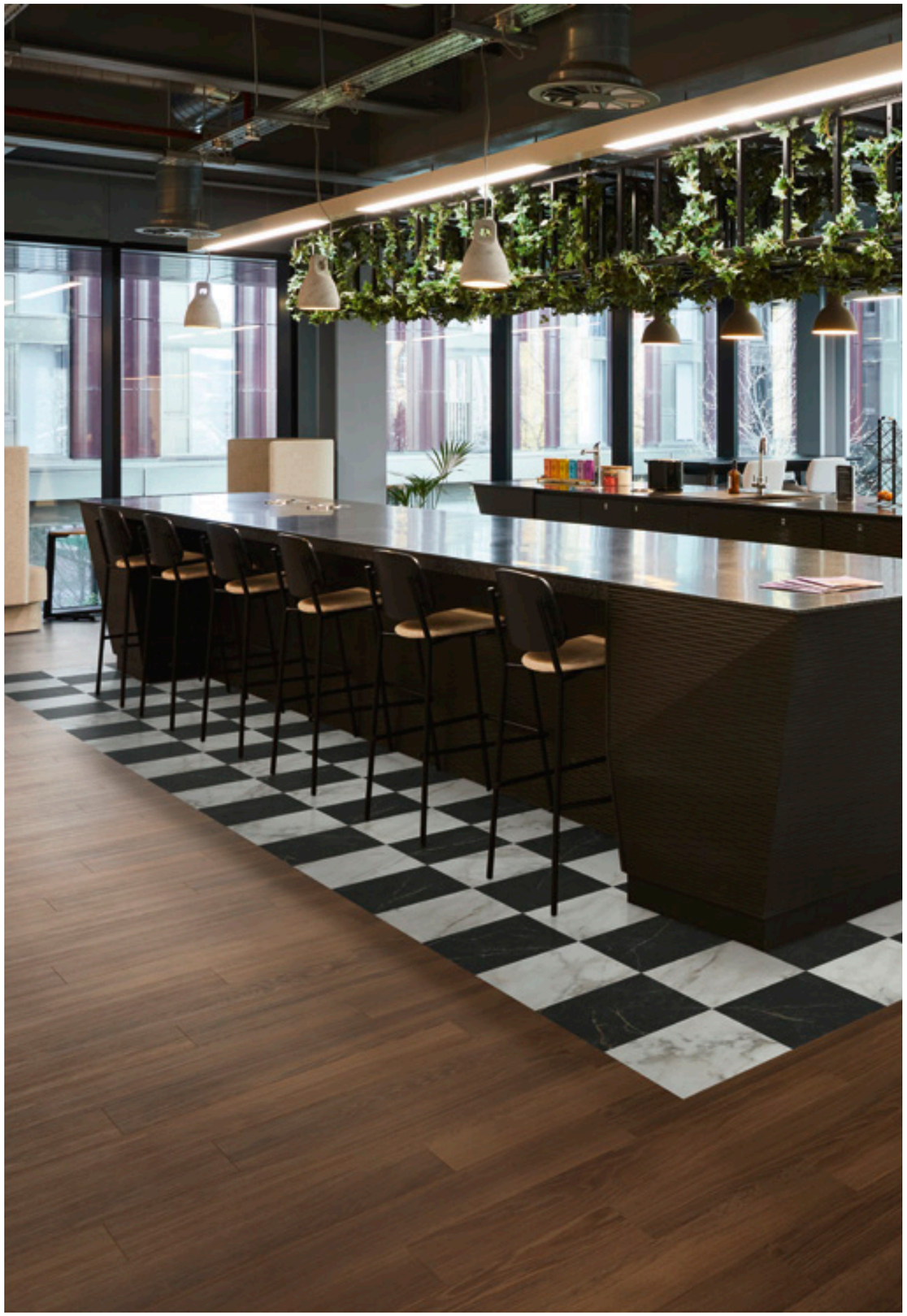
Black Riven Slate **ST15**

Gluedown: 305mm x 305mm

Empire Marble **ST34**

Empire Marble **ST34**

Our Knight Tile collection is the perfect partner for modern developments and housebuilding projects. From the bold marble checkerboard look of Empire Marble to our brand-new Curio tessellating tiles, the range adds a playful twist while offering exceptional creative flexibility.



Empire Marble **ST34** | Nutmeg Limed Oak **KP164**

TECHNICAL SPECIFICATION

	Standard	Gluedown result	Knight Tile Quiet result	Rigid core result
Size	EN ISO 24342	1219.2 mm x 228.6 mm (48" x 9") 914.4 mm x 152.4 mm (36" x 6") 457.2 mm x 76.2 mm (18" x 3") 304.8 mm x 457.2 mm (12" x 18")	914.4 mm x 152.4 mm (36.0" x 6.0")	1220.0 mm x 225.0 mm (48" x 9") 914.4 mm x 150.0 mm (36" x 6") 304.8 mm x 457.2 mm (12" x 18")
Thickness	EN ISO 24346	2.0 mm	3.0 mm	4.5 mm
Locking mechanism[1]		–	–	2G™ angling installation system
Wear layer	EN ISO 24340	0.3 mm	0.3 mm	0.3 mm
Surface treatment		K-Guard+® PU coating	K-Guard+® PU coating	K-Guard+® PU coating
Warranty[2]	Commercial Residential	10 years Lifetime warranty	10 years Lifetime warranty	10 years Lifetime warranty
Bevelled edge		No	Micro	No
Mass per unit area	EN ISO 23997	3605 g/m²	3700 g/m²	7600 g/m²
Standards	EN ISO 10582 EN ISO 11638 EN 16511	Pass – –	– Pass –	– Pass (Multilayer modular floorcovering panels)
Classification	EN 685 / EN ISO 10874: Commercial Domestic	 31: Commercial moderate 23: Domestic heavy	 31: Commercial moderate 23: Domestic heavy	 31: Commercial moderate 23: Domestic heavy
Reaction to fire	EN 13501-1	B_{fl}-s1	B_{fl}-s1	B_{fl}-s1
Staining resistance	EN ISO 26987 EN 438-2	Excellent –	Excellent –	– Pass (Grade 5)
Light fastness	EN ISO 105-B02	Pass (≥6)	Pass (≥6)	Pass (≥6)
Abrasion resistance	EN ISO 10582 EN ISO 105-B02 EN 13329 Annex E	Type 1 – –	– Type 1 –	– Pass (> 1200 cycles)
Furniture chair leg (Type 2 and 3)	EN 424 EN ISO 16581	– –	– Pass	Pass (no visible damage) –
Flexibility	EN ISO 24344	Pass	Pass	–
Dimensional stability	EN ISO 23999 BS EN ISO 23999	Pass (≤ 0.25%) –	Pass (≤ 0.25%) –	– Pass (≤ 0.25%)
Dimensional stability / Curling	EN ISO 23999	–	Pass	–
Swelling	ISO 24336	–	–	Pass (1.7%)
Acoustic impact noise reduction	EN ISO 717-2 / EN ISO 140-8 BS EN ISO 10140-3:2021 EN ISO 10140-1:2016	ΔL_w = 1 dB – –	– ΔL_w = 18 dB –	– – ΔL_w = 19 dB
Electrical behaviour body voltage	EN 1815	Pass	–	–
Indentation after 15s (walking comfort)	EN ISO 24343-1	–	Pass (≤ 0.40 mm)	–
Castor chair continuous use	EN ISO 4918 ISO 4918/ EN 425	Pass –	Pass –	– Pass (25,000 cycles)
Thermal resistance	ISO 8302 Underfloor heating	0.0084 m²K/W Suitable. Max 27°C	0.030 m²K/W –	0.0184 m²K/W Suitable. Max 27°C
Slip resistance[3]	EN 13893 EN 16165 Annex B/DIN 51130	DS R10	DS R10	DS R10

[1] 2G™ is a patented technology invented by Välinge Innovation AB. The 2G™ word mark and logo are registered trademarks owned by Välinge Innovation AB and any use of such marks is under license.

[2] Subject to terms. Please see our website.

[3] 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.

Colour and Pattern Reproduction

We are careful to make sure our brochures are accurate and printed to very high standards, but photography and printing cannot always create a perfect representation of our products. For this reason we strongly recommend that you look at a sample of any product you are considering before placing your order.

All of our products are inspired by things we have seen in the natural world. Just as variation in colour and detail is part of the unique beauty of natural materials, it is also a feature of many of our designs. This means that with some of our products you will see natural variation when your floor is laid. If in doubt, ask your business manager to show you a larger sample of the product.

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Scan here to view full Knight Tile and Knight Tile Quiet technical data sheets

UKCA 21
BS EN 14041: 2004 (DOP 2021/UKCA/RU/01)
Approved body 0321
Floor coverings (internal)
ISO 10874 Class 23/31
Manufactured to ISO 10582

UKCA 25
EN 14041: 2004 (DOP 2025/UKCA/RUQ/01)
Approved body 0321
Floor coverings (internal)
ISO 10874 Class 23/31
Manufactured to ISO 11638

UKCA 21
BS EN 14041: 2004 (DOP 2021/UKCA/RURC/01)
Approved body 0321
Floor coverings (internal)
ISO 10874 Class 23/31
Manufactured to EN 16511

Gluedown	2.0mm | 0.3mm
Rigid core	4.5mm | 0.3mm
Quiet	3.0mm | 0.3mm

Karndean

karndeancommercial.com

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Vale Park, Evesham, Worcestershire, WR11 1GP

Karndean Designflooring

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Email: commercial@karndean.co.uk
For ROI call: 01 6569887

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