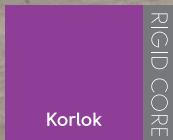




Karndean
Designflooring



Korlok

RIGID CORE

Korlok Stone
Stones with a soul and a story

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River Stone RKT3017-G

Why Korlok?



Realistic stone designs



Durable



Easy to clean and look after



Installs over most existing hard floors



Enables preservation of existing floor



Waterproof



Quiet compared to other hard floors



Comfortable underfoot



Lifetime warranty



Kid friendly



Hygienic



Environmentally friendly



5G® click-locking mechanism



InteGrout™*



HoldSafe® warranty

Korlok with InteGrout™ is the premier rigid core click-locking floor to hide subfloor imperfections and features a number of elements that help both the speed and ease of install - perfect for projects that need completing quickly.

Unlike typical textured grout, smooth and nonporous Karndean InteGrout™ will neither harbor dirt and bacteria nor crack with seasonal temperature fluctuations.

* Selected designs.



ITALIAN MARBLE

Calacatta marble has long been recognised around the world for its striking beauty and was allegedly Michelangelo's favourite stone to carve from. It originates from one single source: a mountainous area of Italy known as the Apuan Alps, making the original product both limited and expensive.

Calacatta has two essential features: a pure white background and clear, bold veining. These make it unique in the world of marble and our design team have spent over a year developing our first Calacatta design to ensure that our recreation of this beautiful stone, in an LVT format, reflects the original's quality and aesthetic.

Our Palazzo Marble design features the classic grey veining that graces palaces and cathedrals throughout Italy, a cool classic that oozes elegance.

Behind the design

Palazzo Marble **RKT2413**



Palazzo Marble RKT2413



LIMESTONE

Recognising the trend for tiles with neutral, understated colour tones, our product designers chose a batch of subtle limestone to work from. They put the stone through an etching process, sandblasting it to create a 'bleached' effect which exposed the raw colour of the underlying material. The design team then implemented a 'satino' process which results in a smooth finish to the final product.

The porous nature of limestone gives it great design capabilities, allowing degrees of re-colouration that are impossible with most other types of stone. The original grey limestone was used to produce further shades of black and white, as well as a light sandy colour reminiscent of the traditional stone found in the Cotswolds, UK and recognised the world over. The resulting set of colours offers a broad palette suitable for any interior.

Notable neutrals

Pumice Stone **RKT3016-G**



Pumice Stone RKT3016-G



InteGrout™



Natural Ecrú RKT3015-G

Natural Ecrú RKT3015-G



InteGrout™



River Stone RKT3017-G

River Stone RKT3017-G



InteGrout™




Urban Grey RKT3014-G

Urban Grey RKT3014-G



InteGrout™



Black Sands RKT3006-G

Black Sands RKT3006-G



InteGrout™



CONCRETE

The popularity and appeal of using concrete as a key theme for interior finishes has soared over recent years, and become the perfect canvas for industrial inspired contemporary design.

'The Concrete Look' is no longer viewed as something grey and dull. It has evolved into a clean contemporary style, that features much depth and character.

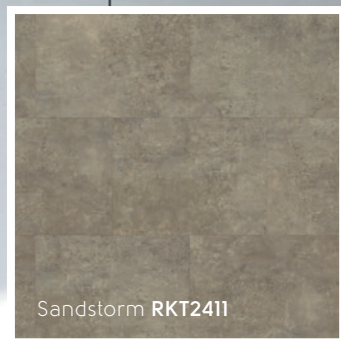
Our designers experimented with different colouring techniques to transform the classic, neutral design into an incredibly versatile, contemporary set of concrete look tiles. Each colour variation highlights different features contained within the design, and the tonal shift within the individual tiles creates a visually appealing palette. The result is an attractive product that adds a new warmth and elegance to a solid industrial material, making it appealing for both commercial and residential applications.

Sleek concretes

Smoke RKT2412



Smoke RKT2412





Pebble Grey RKT2410

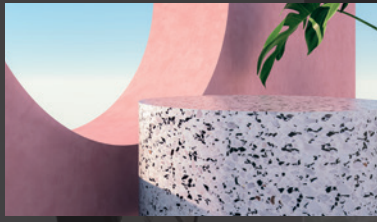
Pebble Grey RKT2410



Oxford Grey RKT2409



Oxford Grey RKT2409



TERRAZZO

Terrazzo originated in Italy where quarry workers used stone offcuts in their own homes. Although around for centuries, terrazzo is currently enjoying a resurgence in both residential and commercial areas. Traditional colourful terrazzo looks are being seen alongside more modern looks with tone on tone tiles suiting the ongoing preference for a more neutral floor design.

The original slabs that our designers sourced had quite a busy pattern and contrasting colour chips. In order to hit the combined concrete and terrazzo trend, they removed the coloured chips, as well as any very dark chips, to then insert a concrete backdrop that would be visible. The aim was to provide a more neutral look, allowing the tone to be the biggest attribute whilst leaving the terrazzo features visible but not as dominating as in the original stone.



Timeless Terrazzo

Mezzo Perla RKT2414



Mezzo Perla RKT2414



Mezzo Grigio RKT2415



Mezzo Grigio RKT2415

Environmental

Karndean Designflooring and the environment

At Karndean Designflooring we find inspiration for our products in the beauty of the natural world and feel passionate about bringing this into every product we create. In order to keep our environment protected we do everything we can to continuously improve our manufacturing processes to ensure sustainability whilst delivering best value. We have always aimed to make stylish and durable floors with the lowest possible impact on the environment, and have never had to compromise quality or performance in order to comply with legislation or meet environmental requirements.

Karndean Designflooring is a member of the Green Building Councils of Australia and New Zealand. All Karndean products and accessories are manufactured in facilities certified to the ISO 14001 Environmental Management and ISO 9001 Quality Management International Standards. Our approach is based on the use of recycled materials in our floor coverings and ensuring that the finished product is suitable for recycling if required.

What's more...

- All of our packaging is made using recycled material, which we continually review to ensure that it is environmentally friendly and fit for purpose
- We use individual logistical solutions to efficiently and effectively transport our products
- Our storage facilities use high density racking to maximise capacity and minimise impact
- Our offices are introducing innovative energy saving techniques
- We are members of the Green Building Council Australia (GBCA) and Green Building Council New Zealand (NZGBC)
- All of our adhesives are water based, solvent-free, have low VOC emissions.

The future

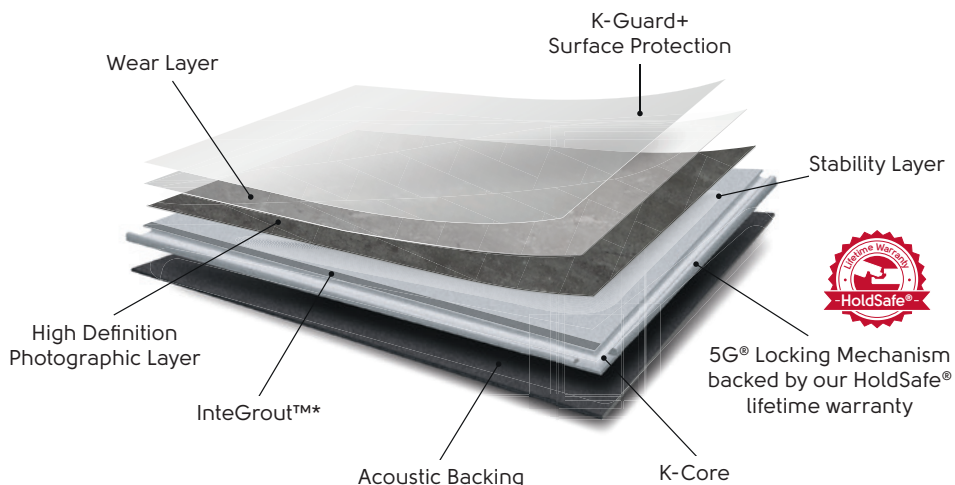
Our continued product innovation focuses on reducing our environmental impact and complying with environmental legislation and recognized certifications worldwide. Our aim is to remain the leading supplier of LVT flooring and to have a market-leading environmental record of achievement through the development of sustainable products and processes.



InteGrout™

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Korlok accessories



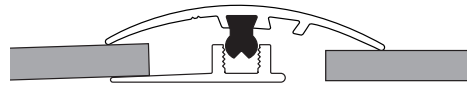
To complete your Korlok rigid core floor we have five colour coordinated accessories for each design. Our accessories are custom made with unique features such as tapered base plates to suit inbuilt underlay and come in convenient 2.3m lengths for ease of transport and handling. All of our accessories are suitable for residential and light commercial use.

Multi Trim

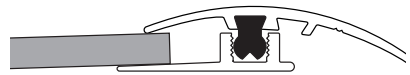
This trim comes with three inserts to allow for joining to a range of alternative materials of different thicknesses.

As its name suggests, the Multi Trim fulfills a number of functions.

- 1. Expansion Joint cover.** For installations over 15m in length or width an expansion joint must be made (usually placed across a door opening).
- 2. Transition.** For joining to carpet where the trim provides cover for both the expansion gap of the floating floor and protection from the pins in carpet smooth-edge, as well as normal height transitions.
- 3. Reducer/Ramp.** The top cover can be angled to provide a reducer strip down to substrate level, or for adjoining materials of different heights.



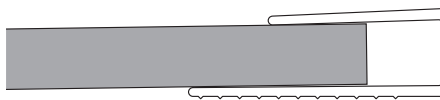
Expansion Joint Cover/Transition



Reducer/Ramp

Edge Cap

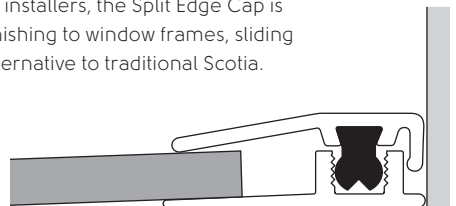
Edge Caps are one of the most common profiles. They can be used for a neat finish against sliding doors, full height floor to ceiling windows, carpets, tiled areas and other floor finishes of similar height. This profile is glued to the floor and the floating floor slots into the trim, it has 19mm top coverage.



Split Edge Cap

The Split Edge Cap is an easier to install alternative to the Edge Cap, especially on that all too challenging last row of planks. The base profile is installed prior to the installation of the floor and then the colour coordinated top cover tapped in to place with a rubber mallet to hide the expansion gap.

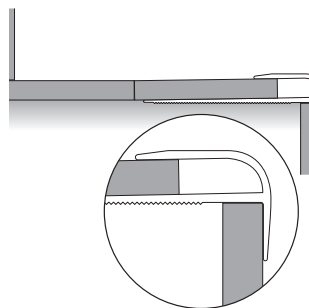
A great option for DIY installers, the Split Edge Cap is a great solution for finishing to window frames, sliding doors or as a sleek alternative to traditional Scotia.



Stair Nosing

Stair Nosing is a trim used for finishing of steps and staircases neatly. This trim is fixed to the edge of the step using permanent construction adhesive and mechanically where required.

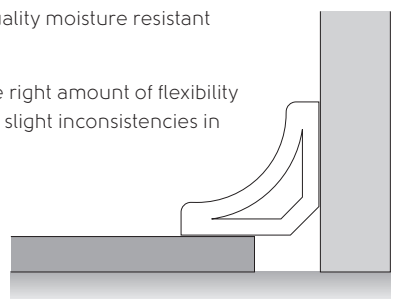
This is used as a transition trim to join step treads and risers (upright, vertical part of the step neatly). The trim accommodates expansion for both tread and riser.



Scotia

Scotia is designed to cover the gap between the wall and the flooring after the floor has been laid. Our scotia measures 19mm by 19mm and is made from high quality moisture resistant WPC.

It has just the right amount of flexibility to follow any slight inconsistencies in the wall.



Technical Specification



Karndean
Designflooring

	Standard	Result
Size		457 mm x 600 mm (18" x 24")
Thickness	ISO 24346	6.5 mm
Wear layer	ISO 24340	0.5 mm
Locking system*		5G® fold down installation system
Surface treatment		K-Guard+ PU coating
Warranty**	Commercial Domestic	15 year wear Lifetime wear
Bevelled edge		Micro
Standards	EN 16511	Pass: Multilayer modular floorcovering panels
Classification	ISO 10874 Commercial ISO 10874 Domestic	33: Commercial heavy 23: Domestic heavy
Reaction to fire	AS ISO 9239.1 2003	CRF: Smoke value: 6.8 kW/m ² 154% min
Staining	EN 438-2	Pass (grade 5)
Light fastness	EN ISO 105-B02	Pass ≥6
Abrasion resistance	EN 13329 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 and EN ISO 10140-3:2010+A1:2015	ΔL _w = 21 dB
	NCC F5.3(a) requirement of ≤62 dB under ISO 717.2:2013	Ln,w 52 dB
	G6.3.2 impact insulation class ≥55 IIC	Pass
	ASTM E492-09	IIC 62
	Suitable for use on upper floors of residential high rise apartment buildings without the need for a separate acoustic underlay.	
Indentation – residual	ISO 24343-1	≤0.1 mm
Impact resistance	EN 13329 Annex F	Pass ≥1800 mm
Castor chair continuous use	ISO 4918 / EN 425	Pass 25000 cycles
Thermal resistance	ISO 8302	0.0515 m ² K/W Suitable for underfloor heating. Max 27°C
Slip resistance***	AS4586:2013 Appendix D	R10
Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.
	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
	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.
Adhesive	None required; please install according to our installation instructions.	
Recycling	Suitable	
Phthalate free	Yes	



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Cover image: Sandstorm RKT2411

This page: Natural Ecrú RKT3015-G

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* 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.

** Subject to terms.

*** 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. In if doubt, ask your retailer to show you a larger sample of the product. We love developing new ideas and improving on our existing designs. This does mean that sometimes products are withdrawn at short notice. We hate to disappoint, and will always try to work with you to find an alternative design that you love just as much.