

PALIO
EXPRESS
by Karndean

THE **FASTER** WAY TO BEAUTIFUL FLOORS



• What is Palio Express?	5
• Our ranges overview.....	6
• Why Palio Express?	8
• Choose your floor by format.....	14
Laying patterns.....	15
• Choose your floor by colour.....	16
• Can I fit it?	18
What tools do I need?	19
• What is Korlok?	23
• Discover Korlok.....	24
• What is Palio Rigid?	35
• What is Palio LooseLay?	37
• Discover Palio Rigid & Palio LooseLay.....	38
• Planning your space.....	48
How do I calculate the amount of floor I need?	49
• Finishing touches - Scotias & skirting boards.....	50
• Helpful tips.....	52
• After care	52
• Our environmental promise.....	53
• Find a stockist.....	54
• Order a sample	54
• Technical data.....	55



EASY-TO-FIT LUXURY VINYL FLOORING

If you are looking for something to fit over your existing floor, or a low maintenance, hygienic covering suitable for a playroom or loft conversion, Palio Express by Karndean has a solution for you.



WHAT IS PALIO EXPRESS?

Palio Express by Karndean is an innovative range of easy-to-fit luxury vinyl flooring. Offered in wood plank and stone tile effects, our floors are crafted to truly resemble the natural materials they are inspired by.



.....

Choose from a range of formats, colours and finishes to best suit your needs, with the peace of mind that our floors are highly durable, waterproof and have up to a 35 year guarantee.

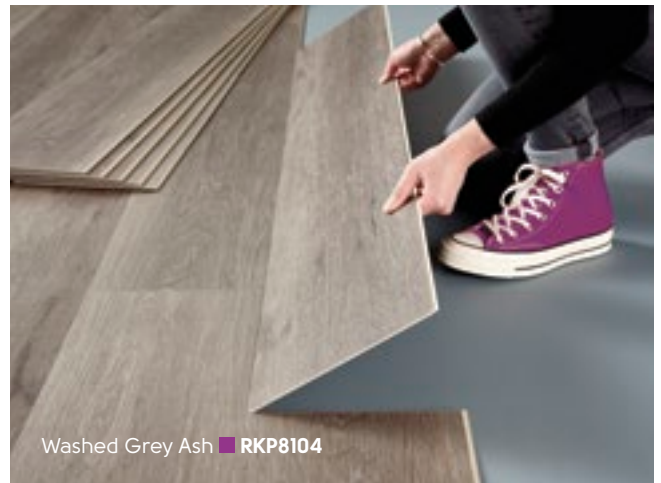
OUR RANGES OVERVIEW



KORLOK



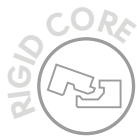
Korlok features a beautiful collection of wood look planks and stone effect tiles. The product is quickly fitted together using a simple drop and lock mechanism. This range has a solid 'rigid core' construction, which makes it less pliable and suitable for laying over uneven surfaces. If you're worried about noise, the acoustic backing reduces sound transfer to rooms below by 21dB, and there is no need for a separate underlay.



Washed Grey Ash ■ RKP8104



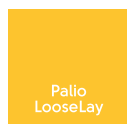
PALIO RIGID



Palio Rigid offers a timeless range of textured wood look planks, with an easy fit click-locking mechanism. These products also benefit from a rigid core construction, built-in underlay and reduces noise transfer to rooms below by 19dB.



Budelli ■ PVP146-SCB



PALIO LOOSELAY



Palio LooseLay offers a more flexible option, in both plank and tile. The product holds tight to the floor thanks to a combination of weight and a friction grip backing, making it easy to install and allowing individual planks or tiles to be uplifted if needed*.



Palmaria ■ LLP149

* For rooms larger than 16m², tackifier is required.
See installation guidelines.



Korlok:


11 wood planks

5 stone tiles

Rigid core

Acoustic qualities

5G® click-locking mechanism

Smoked Butternut  RKP8107



Palio Rigid:


10 wood planks

Rigid core

Acoustic qualities

2G™ click-locking mechanism

Budelli  PVPI46-SCB



Palio LooseLay:

10 wood planks

4 stone tiles

Loose lay

Acoustic qualities

Friction grip backing

Palmaria  LLP149



EASY TO LIVE WITH

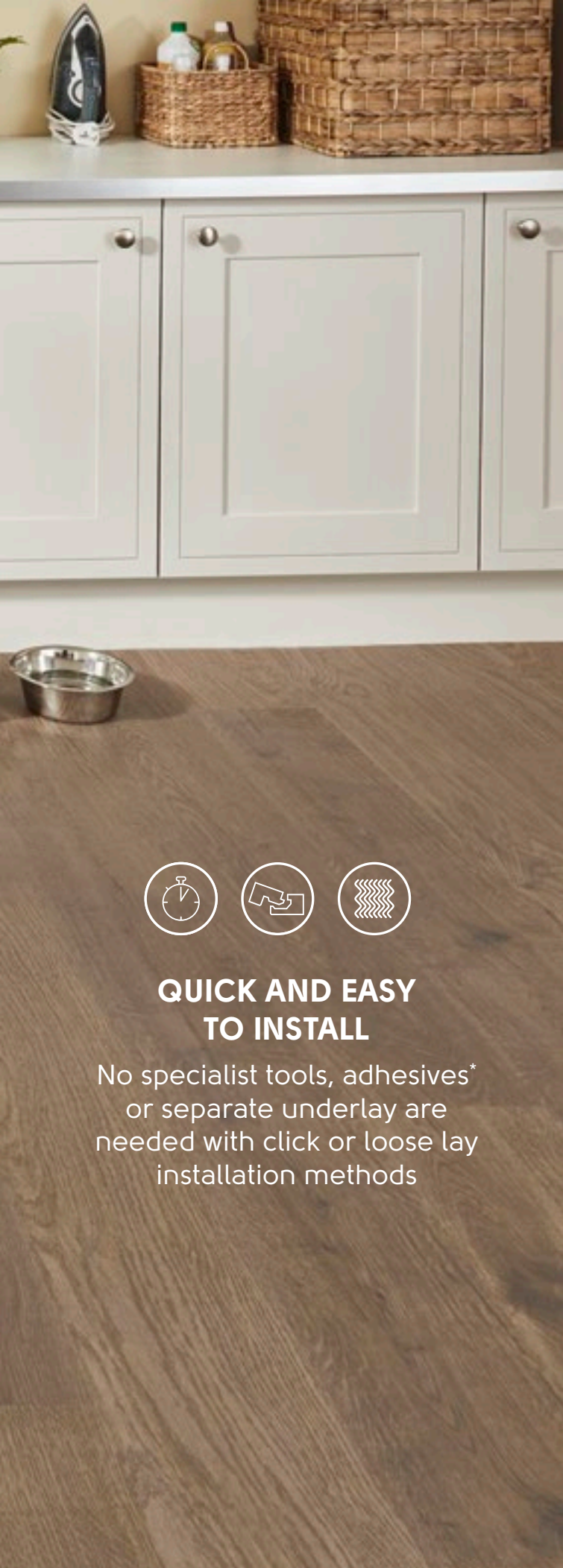
Easy to clean, compatible
with underfloor heating

WHY PALIO EXPRESS?

PALIO EXPRESS BRINGS THE PERFECT BALANCE OF QUALITY, STYLE AND CONVENIENCE

It comes with the design credentials and trusted reputation of Karndean, with the additional reassurances of up to a 35 year guarantee.

Easy-to-fit, our designs are also waterproof, durable and simple to care for.



QUICK AND EASY TO INSTALL

No specialist tools, adhesives*
or separate underlay are
needed with click or loose lay
installation methods

* For rooms larger than 16m², tackifier is required when
fitting Palio LooseLay. See installation guidelines.



ENGINEERED FOR BUSY FAMILY LIFE

Waterproof, low maintenance
and durable with up to a
35 year guarantee

Texas White Ash ■ RKP8105

IT'S OH SO QUIET...

Shhhhhh!



COMFORTABLE INTERIORS

Walking, running, jumping or dropping objects are all disturbances that can be experienced from rooms above. Our floors have been designed to absorb such sounds to keep impact noise transfer to rooms below to a minimum.

ACOUSTIC QUALITIES

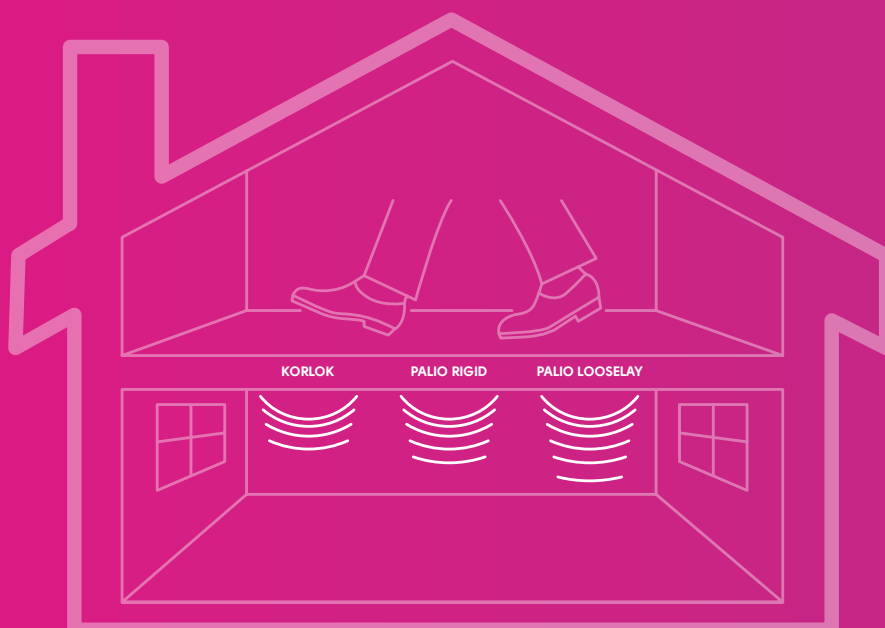
If you're looking for a quieter life, then acoustics can be an important part of your decision making process when it comes to choosing your floor. For example, if you're thinking of fitting your floor in a playroom directly above a lounge, you may wish to have a higher acoustic rated floor. It will help prevent noise transfer from above which is perfect for when you wish to relax.



Korlok: **21dB**

Palio Rigid: **19dB**

Palio LooseLay: **13dB**







QUICK as a flash!



MINIMAL INSTALLATION TIME...

RIGID CORE

Rigid core is 30% quicker to install than other click floors. The ability to fit over most existing hard floors, or uneven subfloors means there is minimal subfloor preparation. The simple score and snap technique means there is no need for specialist tools.

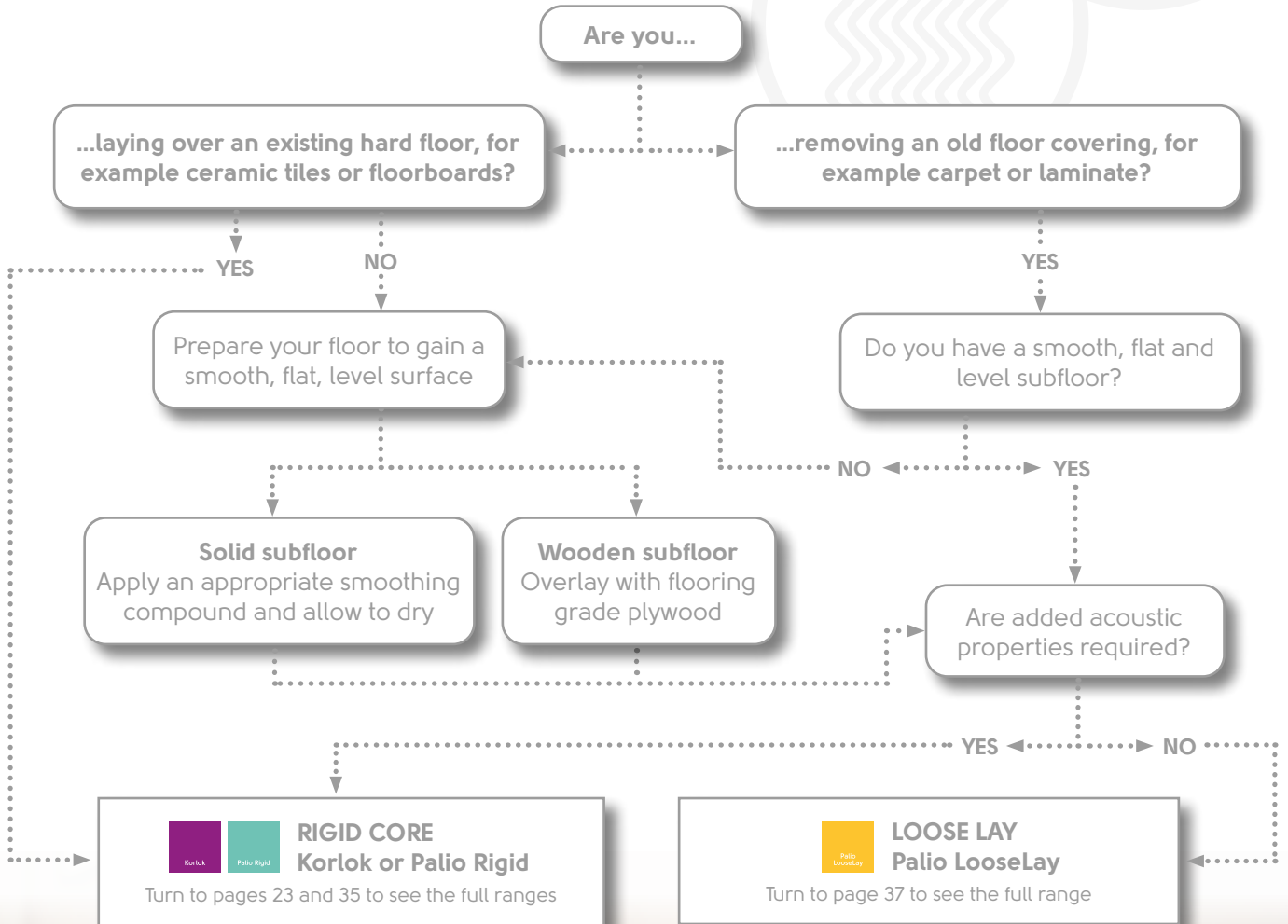
LOOSE LAY

Loose lay is fitted by placing planks or tiles tight to each other and to the perimeter of the room, often without the need for any adhesive*. There is no need to remove your skirting boards when fitting Palio LooseLay, so it really does save on the installation time.

* See installation guidelines.

CHOOSE **YOUR FLOOR** by format...

The type of flooring you choose may depend on where in your home you are looking to fit it or the solution you are looking for.



WHAT SUBFLOOR ARE YOU INSTALLING ON TO?

If you have subfloor imperfections choose...



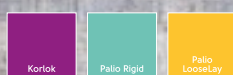
For flooring over a smooth, level concrete floor, there is no more you need to do.
You can pick...



For an existing hard floor* or a floor you want to preserve, choose...



Existing floorboards need to be firmly fastened, gaps filled and level to install...

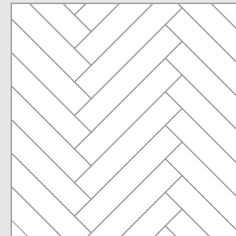


LAYING PATTERNS

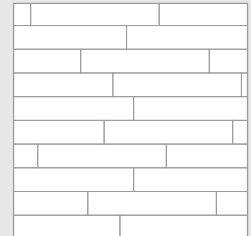
There are multiple ways to lay your floor depending on the design and style you are looking to achieve.

WOOD

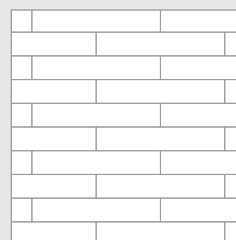
Herringbone



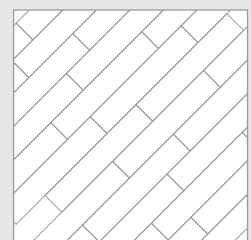
Staggered



Brickbond

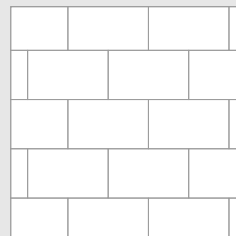


Diagonal

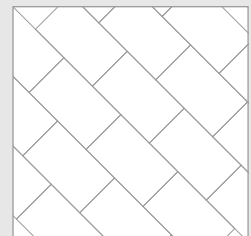


STONE

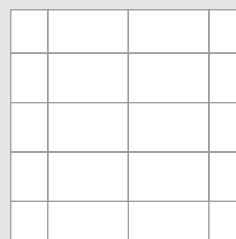
Brickbond



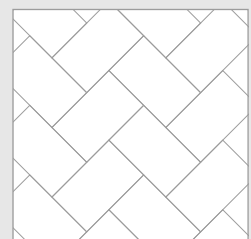
Diagonal



Stack Bond



Herringbone



When fitting a rigid core floor, it's important to stagger the planks or tiles, to avoid weak spots in the floor.

The simplicity of laying Palio LooseLay planks and tiles together, makes it a versatile option when considering laying patterns.

* With the exception of laminate which is normally recommended to be uplifted.

CHOOSE **YOUR FLOOR** by colour...

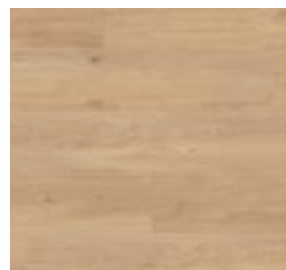
Whether it's the mid tones of Warm Ash which offer a modern Scandinavian feel, or the cool slate, grey tones of Nisida that offer a contemporary style, we have a colour option for every interior.

The colour chart is grouped in light to dark shades, and warm to cool tones, to help you pick your colour at a glance.

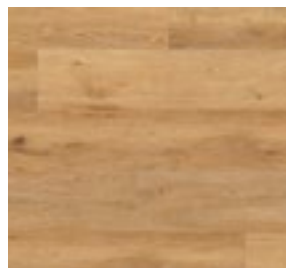
Our floors are designed to resemble their natural counterparts, meaning there is a natural colour variation throughout the ranges, just like any real wood or stone floor.



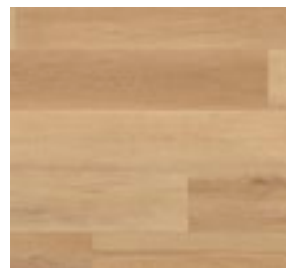
Tavolara
■ PVP144-SCB | ■ LLP144



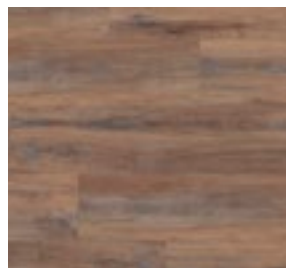
Canadian Nude Oak
■ RKP8117



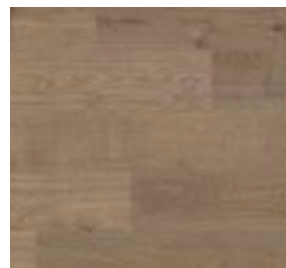
Baltic Lined Oak
■ RKP8111



Warm Ash
■ RKP8103



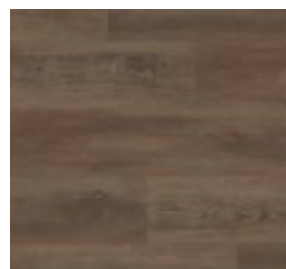
Sardinia
■ PVP143-SCB | ■ LLP143



Smoked Butternut
■ RKP8107



Antique French Oak
■ RKP8110



Vivara
■ PVP151-SCB | ■ LLP151



Tino
■ LLT208



Frosted Stone
■ RKT2401



Lampione
■ PVP147-SCB | ■ LLP147



Capri
■ LLT209



Palmaria
■ PVP149-SCB | ■ LLP149



Cotswold Stone
■ RKT2405



Torcello
■ PVP145-SCB | ■ LLP145



Canadian Urban Oak
■ RKP8116



Baltic Washed Oak
■ RKP8101



Texas White Ash
■ RKP8105



English Character Oak
■ RKP8115



Sicilia
■ PVP142-SCB | ■ LLP142



Metro Grey
■ RKT2403



Urban Grey
■ RKT2402



Levanzo
■ PVP150-SCB | ■ LLP150



Budelli
■ PVP146-SCB | ■ LLP146



Linosa
■ PVP148-SCB | ■ LLP148



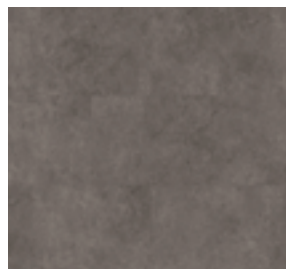
Washed Grey Ash
■ RKP8104



Baltic Mistral Oak
■ RKP8112



Vulcano
■ LLT211



Volcanic Black
■ RKT2406



Nisida
■ LLT210

CAN I FIT IT?

Yes you can!!

RIGID CORE - Simple steps to fitting Korlok and Palio Rigid



To cut a plank or tile, using a utility knife and a straight edge or ruler, score the surface of the floor.



Once you have scored the surface of your floor, snap along the score.

LOOSE LAY - Simple steps to fitting Palio LooseLay



To cut a plank or tile, using a utility knife and a straight edge or ruler, score the surface of the plank/tile.



Use your knife to fully separate. Undercut the plank or tile to get a sloping edge, this will then fit tightly against the edge of your room or another plank/tile.

DESIGNED WITH YOU IN MIND

Two easy to fit formats which make it possible to fit and forget in no time at all. All our Palio Express ranges can be easily cut with only a utility knife, enabling a quick installation with little mess and minimal disruption.

Rigid core installation images are for illustration of the fitting process.



Click and lock rigid core planks or tiles together. When fitting a rigid core floor, always use spacers to measure a 5mm minimum expansion gap around the edge of your room.



Lay the plank or tile in place fitting it tight to the edge of the room and to another plank/tile. The friction grip backing will hold the product to the floor. A tackifier around the edge of the room is required for rooms larger than 16m².

WHAT TOOLS WILL I NEED?

In most circumstances you'll only need a couple of basic tools for a successful installation.

..... KORLOK & PALIO RIGID

- pencil
- utility knife
- tape measure
- ruler/straight edge
- spacers
- pull bar & hammer
- rubber mallet



For bathrooms etc:

- drill and spade bit (for cutting around pipework)
- jigsaw (for cutting curves)

..... PALIO LOOSELAY

- pencil
- utility knife
- tape measure
- ruler/straight edge
- hand roller



For rooms larger than 16m²:

- tackifier
- paint tray & roller

Tip: To cut around a door frame or a bathroom pedestal, creating a template that you can overlay on your plank or tile will provide a more accurate fit.



Korlok

EVERYTHING CLICKS WITH KORLOK

Korlok has a drop and lock click-locking mechanism with a built-in acoustic backing, making it simple to install without needing any underlay.



WHAT IS KORLOK?

Korlok is ideal for rooms where acoustics, uneven subfloors or preserving an existing hard floor is required. The built-in acoustic backing means there's no need for a separate underlay and the simple drop and lock mechanism makes installation quick and easy.

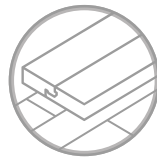
Unlike laminate and wood flooring, Korlok is waterproof and ideal for kitchens or bathrooms prone to water spillages.



**Acoustic qualities
(by 21dB)**



**5G® click-locking
mechanism**



**Installs over most
existing hard floors**

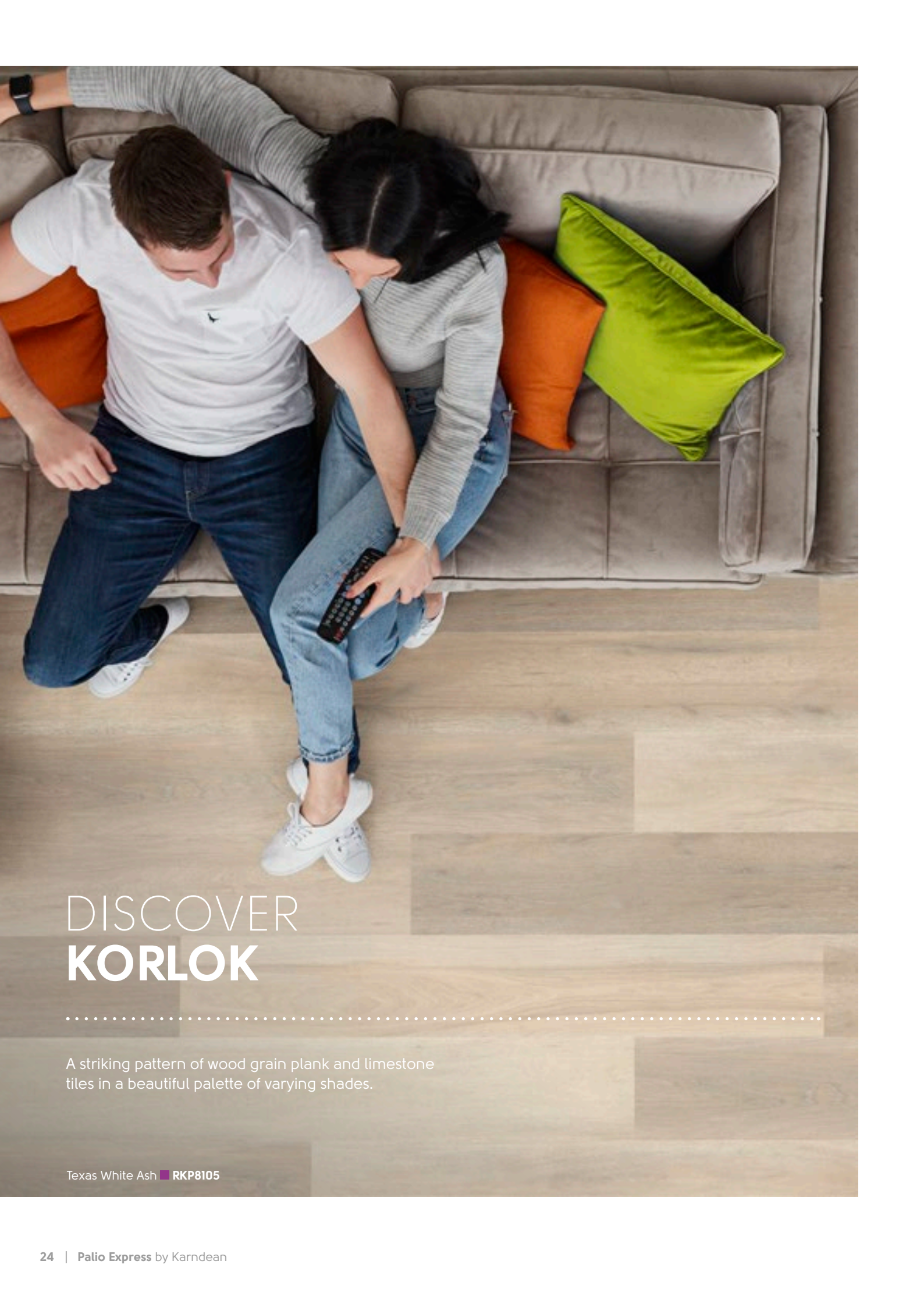


**No underlay
required**



Korlok's 5G® click-locking mechanism enables a simple 'drop & lock' installation.

Available in 1420mm x 225mm planks and 457mm x 600mm tiles, in a 6.5mm thick rigid core construction.



DISCOVER **KORLOK**

.....

A striking pattern of wood grain plank and limestone tiles in a beautiful palette of varying shades.

Texas White Ash ■ **RKP8105**

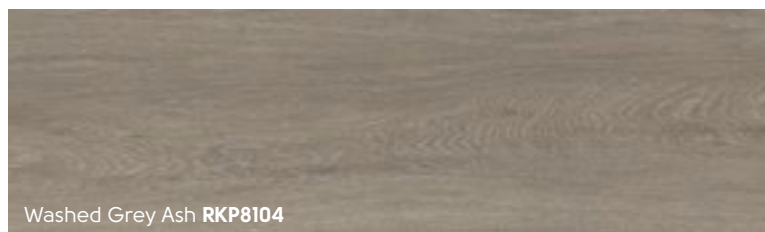


Baltic Mistral Oak ■ RKP8112

COOL GREYS



Texas White Ash RKP8105



Washed Grey Ash RKP8104



Baltic Mistral Oak RKP8112

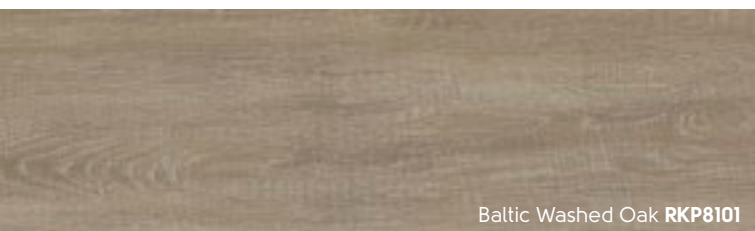


Washed Grey Ash ■ RKP8104

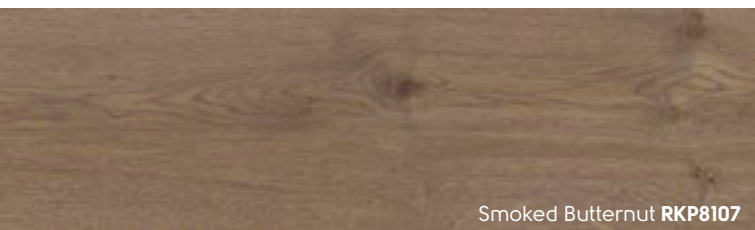
WARM & INVITING



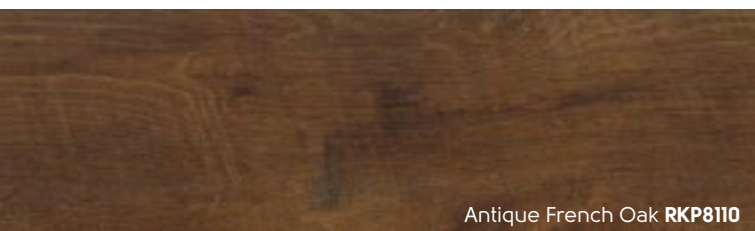
Canadian Urban Oak **RKP8116**



Baltic Washed Oak **RKP8101**



Smoked Butternut **RKP8107**



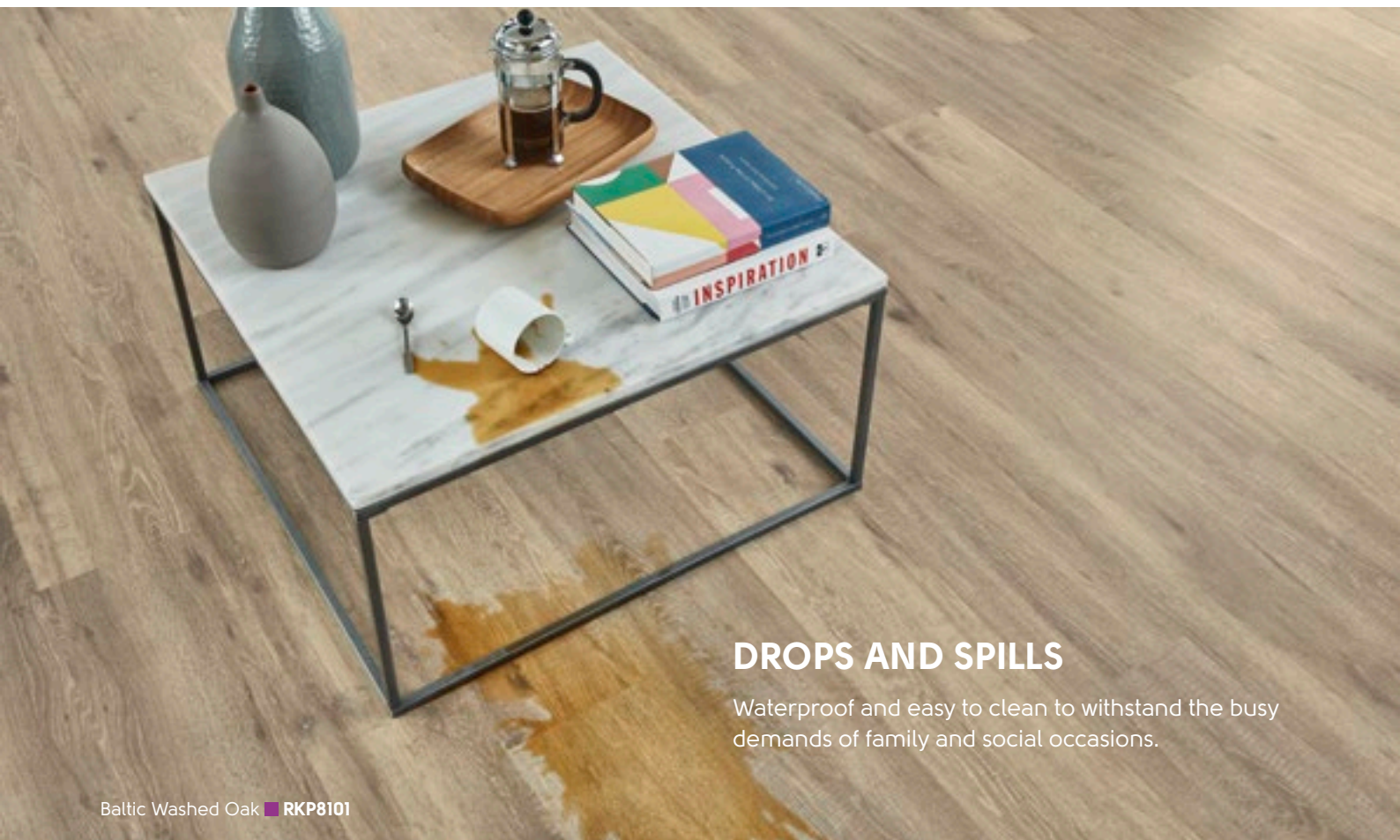
Antique French Oak **RKP8110**



Smoked Butternut **RKP8107**



Canadian Urban Oak **RKP8116**



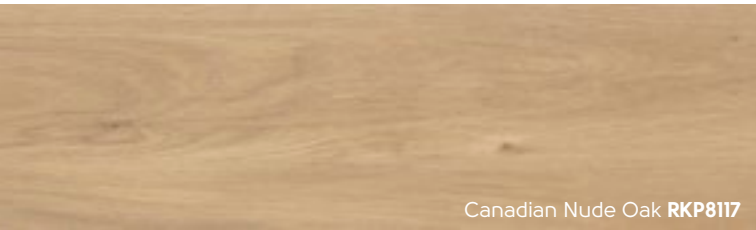
DROPS AND SPILLS

Waterproof and easy to clean to withstand the busy demands of family and social occasions.

Baltic Washed Oak ■ RKP8101



Antique French Oak ■ RKP8110



Canadian Nude Oak **RKP8117**



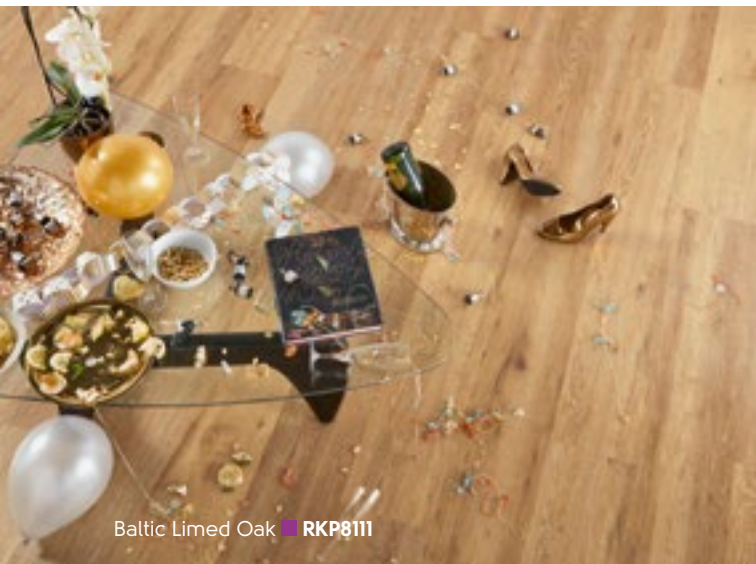
Warm Ash **RKP8103**



Baltic Limed Oak **RKP8111**

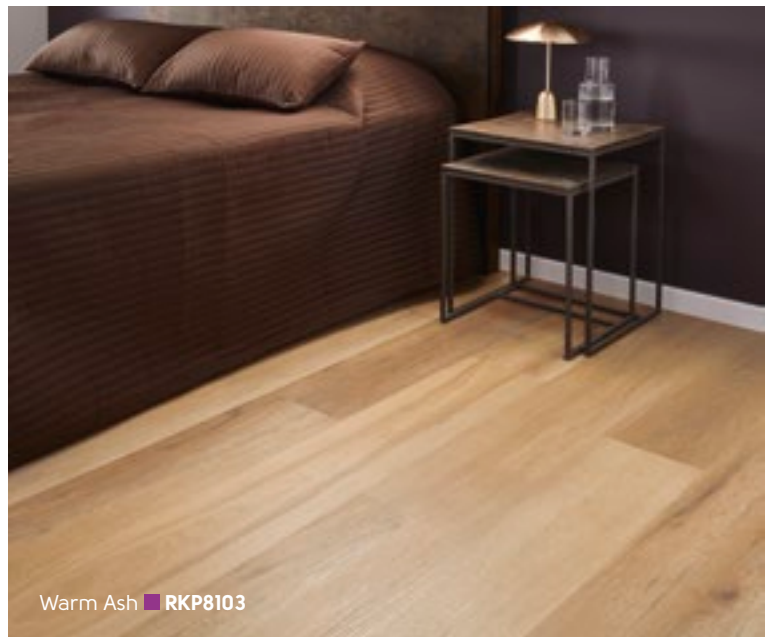


English Character Oak **RKP8115**



Baltic Limed Oak **RKP8111**

LIGHT & **AIRY**



Warm Ash **RKP8103**



English Character Oak **RKP8115**

Palio Express flooring includes K-Guard+ surface protection, giving you a beautiful floor which is durable and easy to clean.



Canadian Nude Oak ■ RKP8117



STYLE AND CONVENIENCE

Installing over most existing hard floors, Korlok is quick and easy to fit, causing less upheaval in your home and creating a beautiful finish in no time.

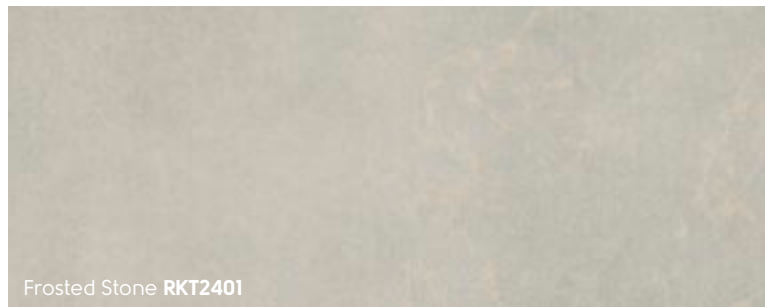
Frosted Stone ■ RKT2401



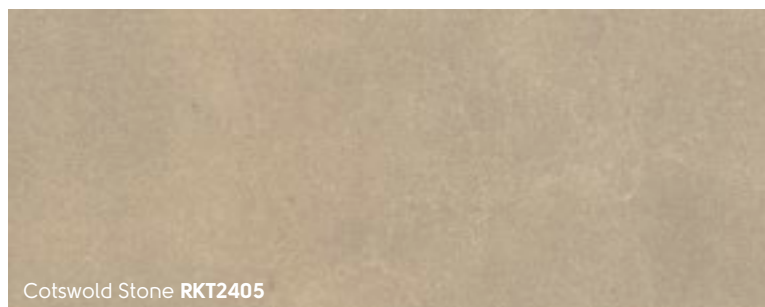
Metro Grey ■ RKT2403



Volcanic Black ■ **RKT2406**



Frosted Stone **RKT2401**



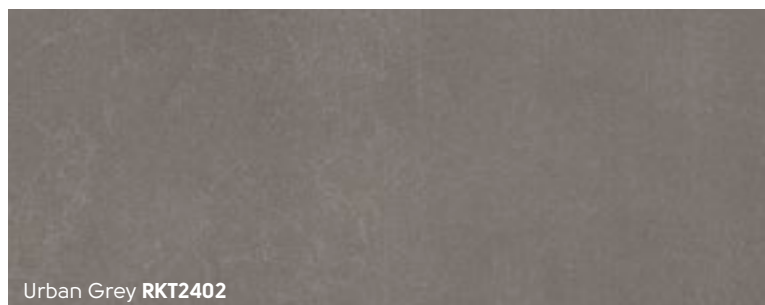
Cotswold Stone **RKT2405**



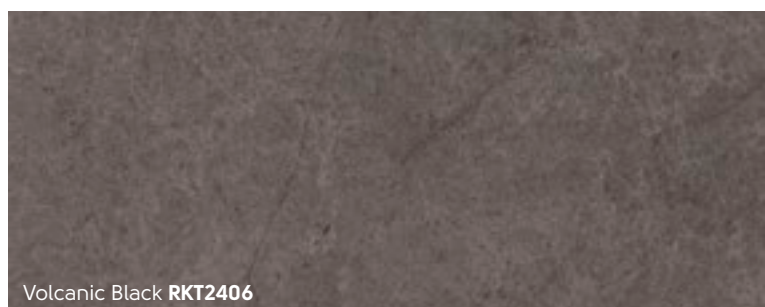
Metro Grey **RKT2403**



Cotswold Stone ■ **RKT2405**



Urban Grey **RKT2402**



Volcanic Black **RKT2406**

STYLISH &
UNDERSTATED



Palio Rigid

CORE STRENGTH IN EVERY PLANK!

Palio Rigid comes in a contemporary colour collection of wood look planks, which are joined together using a click-locking mechanism.



WHAT IS PALIO RIGID?

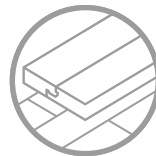
With a strong rigid core, Palio Rigid offers more robustness when laid over an uneven floor. It uses a click-locking mechanism for a speedy installation and no underlay is required, thanks to the pre-attached acoustic backing.



Acoustic qualities
(19dB)



2G™ click-locking
mechanism



Installs over most
existing hard floors



No underlay
required



Palio Rigid 2G™ click-locking angled installation

.....

Available in 1211mm x 170mm planks.

A 4.5mm thick rigid core plank that
clicks together.



Palio
LooseLay

GIVES YOU FLEXIBILITY TO **PLACE & GO!**

Palio LooseLay wood plank and stone tiles are fitted in a loose lay format. The wood look planks share the same colour palette as Palio Rigid planks.



WHAT IS **PALIO LOOSELAY?**

Palio LooseLay is a more flexible and time saving plank and tile installation option. It is simply held in place with weight and its friction grip backing. Quick to cut and lay in place.

Easily fitted onto smooth, level and flat floors, it's easy to replace in the event of a plank or tile being damaged.



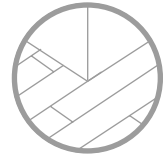
**Acoustic qualities
(by 13dB)**



**Friction grip
backing**



**Easy to
replace**



**No expansion
gap – fit tight to
the room**



Palio LooseLay's friction grip backing enables a simple 'place & go' installation.

Available in 1050mm x 250mm planks and 500mm x 610mm tiles. It is 4.5mm thick with a friction grip backing that can be laid tight to each other without the need for adhesive in most cases*.

* Tackifier is required for rooms larger than 16m².



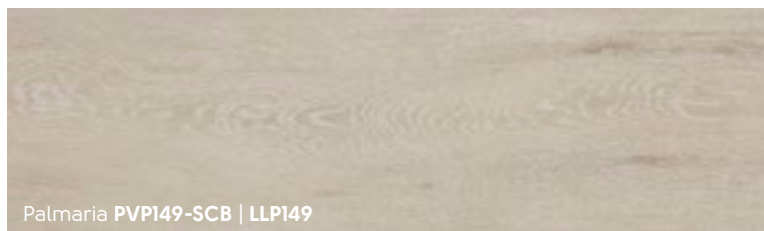
DISCOVER PALIO RIGID & PALIO LOOSELAY

An understated range of wood planks and stone tile effects that complement any home environment.

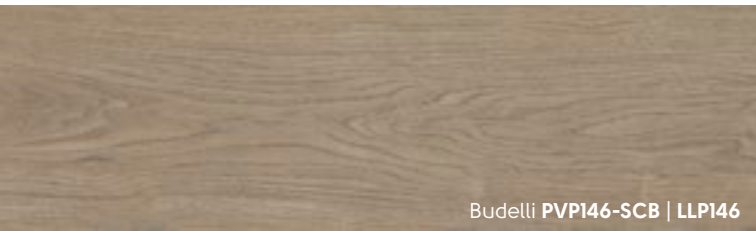
Palmaria ■ PVP149-SCB | ■ LLP149



COOL & UNDERSTATED



CLASSIC YET
CONTEMPORARY





Torcello ■ PVP145-SCB ■ ■ LLP145



COMFORTABLE UNDERFOOT

Soft, warm and comfortable to walk on creating a homely environment.

Levanzo ■ PVPI50-SCB | ■ LLP150

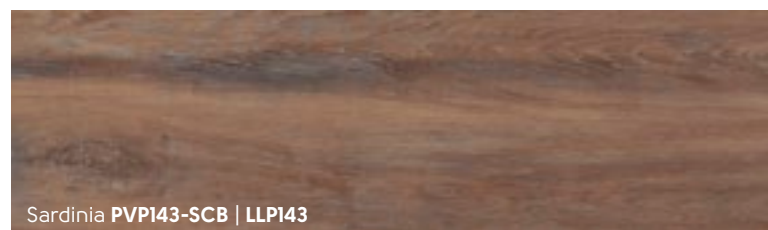


Vivara ■ PVP151-SCB | ■ LLP151

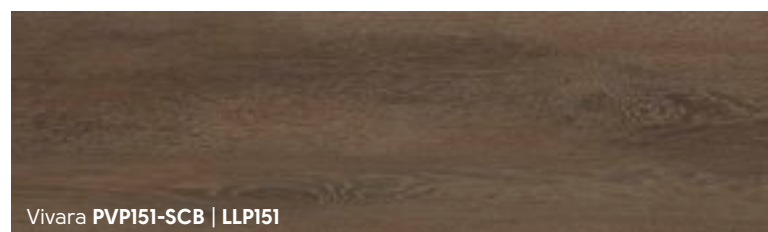
WARM & INVITING



Levanzo ■ PVP150-SCB | LLP150



Sardinia ■ PVP143-SCB | LLP143



Vivara ■ PVP151-SCB | LLP151



Levanzo ■ PVP150-SCB | ■ LLP150

.....

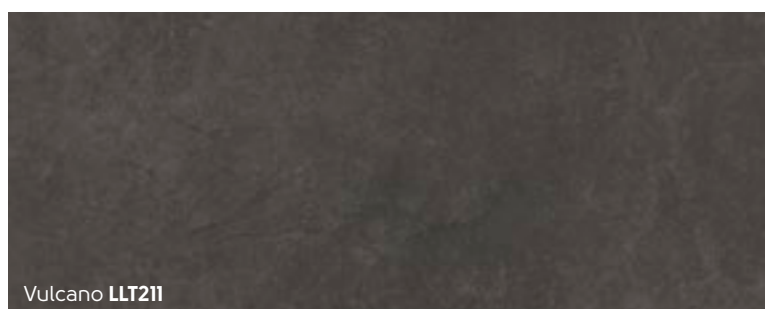
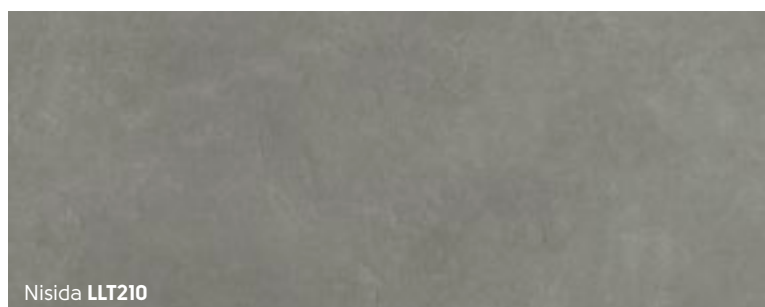
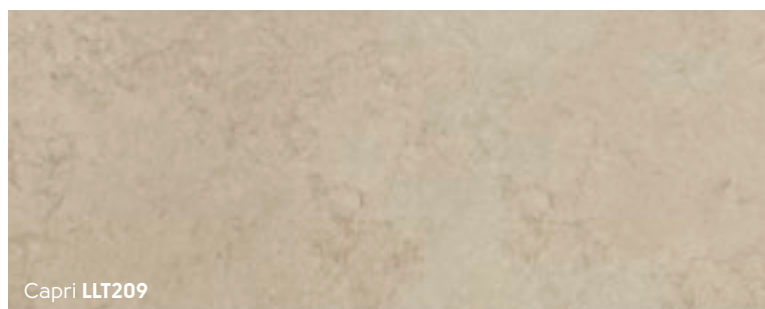
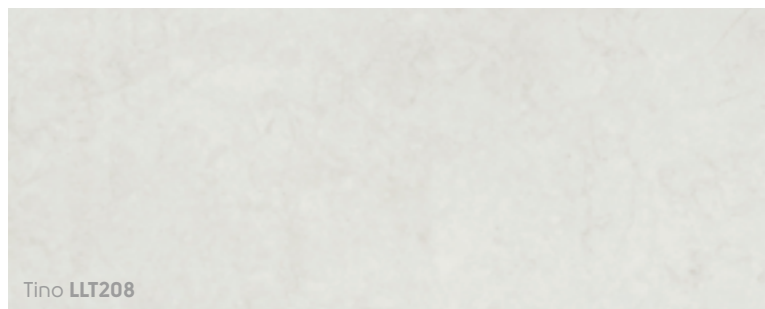
Palio Rigid and Palio LooseLay can be laid
in new extensions where the subfloor is still
drying out.



Vulcano ■ LLT211



SIMPLE YET STYLISH



PLANNING **YOUR SPACE**

Draw your room layout here to calculate the number of boxes of flooring you will need for your installation.

You can also use this area to note any scotia or skirting boards you require.

Why not experiment with laying patterns too?

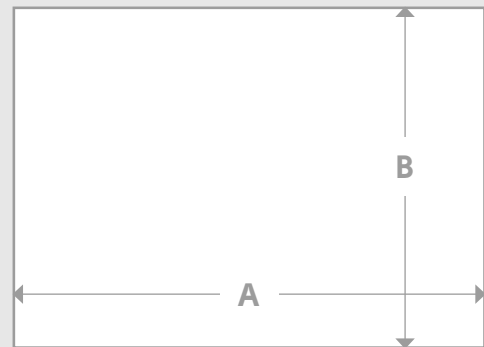
HOW DO I CALCULATE THE AMOUNT OF FLOOR I NEED?

Rectangular rooms can be calculated easily by multiplying the length by the width (see example 1).

If your room isn't a standard shape, try splitting the room into separate rectangles. Calculate the area of each rectangle, then simply add these values together to reach your total room dimensions (see example 2).

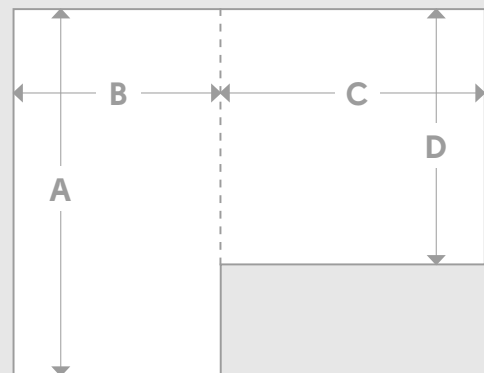
Example 1:

$A \times B = \text{total area}$



Example 2:

$(A \times B) + (C \times D) = \text{total area}$



Korlok is supplied in pack sizes of 3.195m² plank and 2.742m² tile

Palio Rigid is supplied in pack sizes of 2.468m² plank

Palio LooseLay is supplied in pack sizes of 3.150m² plank and 3.050m² tile

Divide the overall measurement by the pack size to gain the number of packs required.

Tip: add 10% for wastage by multiplying your final figure by 1.10

FINISHING TOUCHES

SCOTIAS & SKIRTING BOARDS

Complete the look with a 100%
colour matched scotia or classic white
skirting board.



Washed Grey Ash ■ RKP8104 with SCO-RKP8104 colour matched scotia

Length: 2400mm

COLOUR MATCHED SCOTIAS

Adding a waterproof and durable scotia after the installation of your rigid core floor creates an aesthetically pleasing finish to your room.

KORLOK

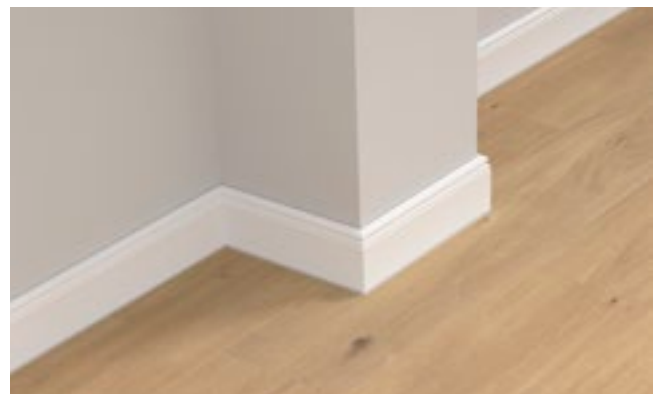
SCO-RKP8101	Baltic Washed Oak	
SCO-RKP8103	Warm Ash	
SCO-RKP8104	Washed Grey Ash	
SCO-RKP8105	Texas White Ash	
SCO-RKP8107	Smoked Butternut	
SCO-RKP8110	Antique French Oak	
SCO-RKP8111	Baltic Limed Oak	
SCO-RKP8112	Baltic Mistral Oak	
SCO-RKP8115	English Character Oak	
SCO-RKP8116	Canadian Urban Oak	
SCO-RKP8117	Canadian Nude Oak	
SCO-RKT2401	Frosted Stone	
SCO-RKT2402	Urban Grey	
SCO-RKT2403	Metro Grey	
SCO-RKT2405	Cotswold Stone	
SCO-RKT2406	Volcanic Black	
SCO-White	White	

PALIO RIGID

SCO-PVP142	Sicilia	
SCO-PVP143	Sardinia	
SCO-PVP144	Tavolara	
SCO-PVP145	Torcello	
SCO-PVP146	Budelli	
SCO-PVP147	Lampione	
SCO-PVP148	Linosa	
SCO-PVP149	Palmaria	
SCO-PVP150	Levanzo	
SCO-PVP151	Vivara	
SCO-White	White	

SKIRTING BOARDS

Replace old skirting boards with new for a refreshed look or, add to protect your walls and hide the join between your floor and wall.



SK100-White

White

The addition of a white skirting board, colour matched scotia, or both can beautifully finish the look of your newly fitted Palio Express by Karndean floor.

HELPFUL TIPS

Shuffle Palio Express planks or tiles when removed from the packaging for a more natural look.

Stagger joints with a minimum distance between the factory cut ends being equal to the width of the plank or tile.

KORLOK & PALIO RIGID TIPS

- Check whether you start your first row with a full plank or tile width. You don't want your last row to be too narrow. Ideally, neither the first nor the last row should be cut smaller than half a plank or tile width.
- Remember to leave a 5mm expansion gap around the room and any fixed objects. Finish your installation with a colour matched waterproof scotia.
- Korlok joins should be smooth to touch and almost invisible - where necessary, use a pullbar.
- Be sure to cut the correct end to fit tongue to groove.
- Stagger joints - no corners should ever meet.

PALIO LOOSELAY TIPS

- Undercut the plank or tile to get a sloping edge to ensure a tight fit to the perimeter of the room. Factory edges should be fitted together when joining planks/tiles.
- Fit planks and tiles tight to each other and the perimeter of the room.
- When cutting the end of a row, be sure to fit the factory cut end against the factory cut end.
- Once you've decided which way your planks or tiles will run, work out how many plank or tile widths fit across the room to ensure you don't finish with a narrow piece. This will enable you to adjust the width of your first run to make it more balanced.

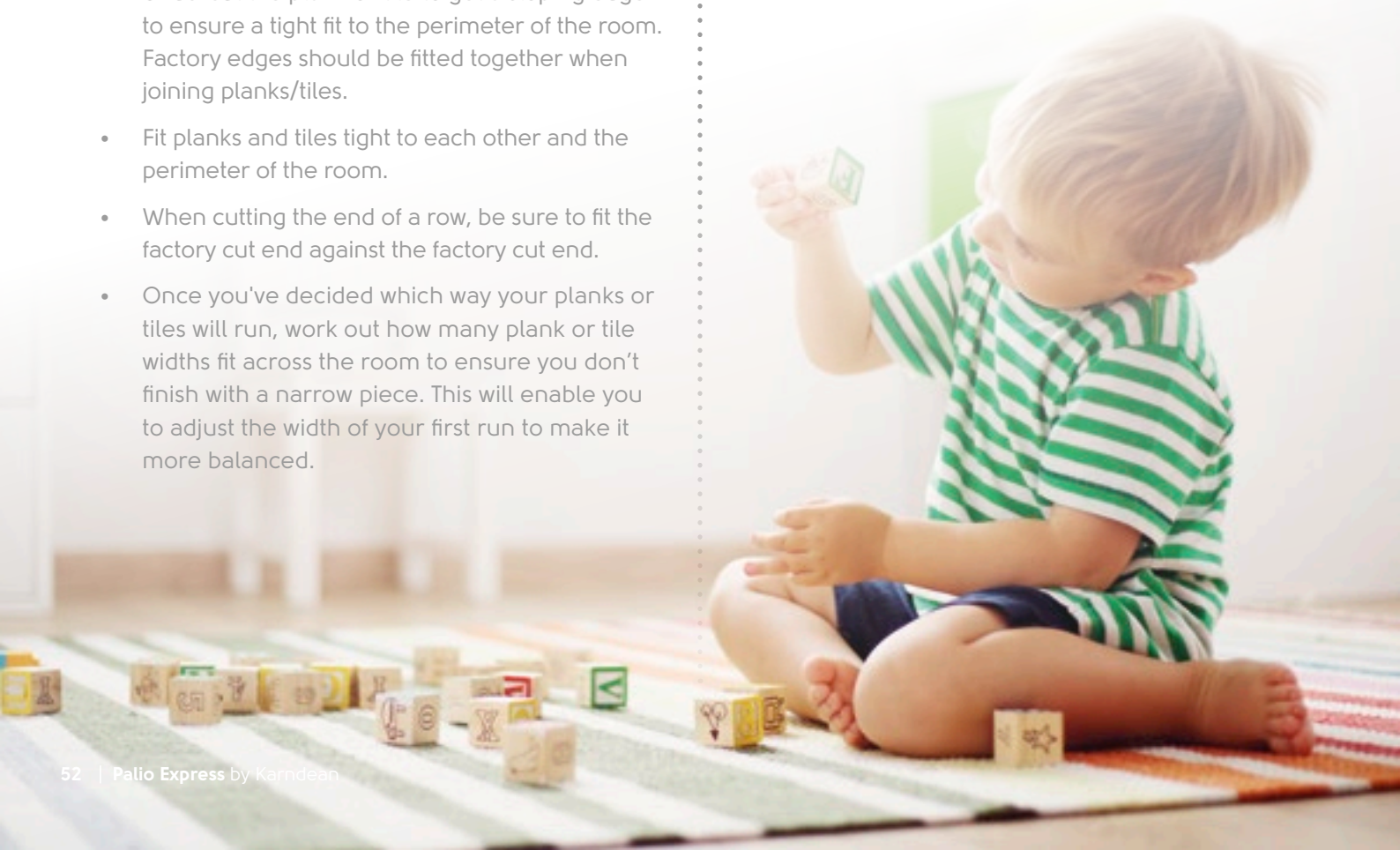
AFTER CARE

Regular cleaning with Karndean Clean (or a pH neutral cleaner) will help keep your floor looking its best. Using Karndean Clean on your floor helps to break up and safely remove any germs that are on the surface, in the same way as using soap for washing your hands.

1. With a soft sweeping brush, remove any loose dirt or dust.
2. Add 50ml of Karndean Clean (1 notch represents 50ml) to approximately 8-10 litres of clean water.
3. Mop the mixed solution over the entire floor, removing any excess liquid.
4. Allow your floor to dry.

To maintain the look and feel of your floor, make sure to use our 'remove and refresh' cleaning system every 6 to 12 months:

- Karndean Remove helps to prepare your floor before applying Karndean Refresh.
- Karndean Refresh creates a satin finish to your floor and helps protect it from marks and fine scratches.



OUR ENVIRONMENTAL PROMISE

At Palio Express by Karndean, our goal is to produce the best looking and performing luxury vinyl floor, with a low impact on the environment. From the manufacturing of our products to our adhesives, our floors have certifications and environmentally friendly properties to help reduce their impact.

Our products are 100% phthalate free.

PRODUCT SUSTAINABILITY

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 contain up to 50% recycled material in the backing layers taken from post-production waste (off-cuts, trimmings and process dust). Almost 100% of this production and post-production waste is granulated and recycled back into a new plank or tile.

REDUCING OUR ENVIRONMENTAL IMPACT

We evaluate our products' environmental impact according to a life cycle assessment from recognised industry bodies:

- 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 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 contain raw materials that are reprotoxic, endocrine disrupting or carcinogenic.

Air quality

Tested for contribution to indoor air quality, our products are certified to both Indoor Air Comfort Gold and FloorScore Indoor Air Quality standards, meeting the strictest standards for air quality.



FIND A STOCKIST

Visit **palioexpress.com** to locate your nearest stockist, pick up a sample or place your order.

Contact our Palio Express by Karndean team for more information or technical assistance on **01386 820210**.

ORDER A SAMPLE
















The best way to experience the look and feel of any of our Palio Express by Karndean ranges is to see them first hand. Our free sample service will help you narrow down your colour preference too.

Choosing a floor that fits with your style, theme and compliments your fabrics and furnishings is important. Order your six free samples and we'll get them to you right away to help you decide.

To use our fast and convenient sample service call **01386 820210** or visit **palioexpress.com** to order a chip size sample.



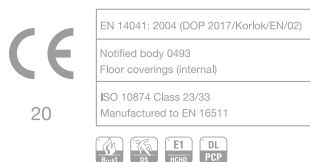
TECHNICAL SPECIFICATION

	Standard	Korlok	Palio Rigid	Palio LooseLay
	Size	EN ISO 24342	Plank: 1420 mm x 225 mm Tile: 457 mm x 600 mm	Plank: 1050 mm x 250 mm Tile: 500 mm x 610 mm
	Thickness	EN ISO 24346	6.5 mm	4.5 mm
	Wear layer	EN ISO 24340	0.55 mm	0.3 mm
	Fixing type	5G® fold down installation*	2G™ angling installation*	K-Wave friction grip backing
	Surface treatment	K-Guard+ PU coating	K-Guard+ PU coating	K-Guard+ PU coating
	Guarantee**	Light industrial Commercial Residential	N/A 15 years 35 years	N/A 15 years 20 years
	Bevelled edge	Micro	No	No
	Standards	EN 16511 EN 649/EN ISO 10582	Pass: Multilayer modular floorcovering panels N/A	N/A Pass
	Classification	EN ISO 10874 Light industrial	N/A	42: Light industrial general
		EN ISO 10874 Commercial	33: Commercial heavy	33: Commercial heavy
		EN ISO 10874 Domestic	23: Domestic heavy	23: Domestic heavy
	Reaction to fire	EN 13501-1	Bfl-s1	Bfl-s1
	Acoustic impact noise reduction	EN ISO 10140-1:2016 and EN ISO 10140-3:2010+A1:2015 EN ISO 717-2/EN ISO 140-8	$\Delta L_W = 21$ dB	$\Delta L_W = 19$ dB $\Delta L_W = 13$ dB
	Thermal resistance	ISO 8302	0.0515 m²K/W Suitable for underfloor heating max 27°C	0.052 m²K/W Suitable for underfloor heating max 27°C 0.0245 m²K/W Suitable for underfloor heating max 27°C
	Slip resistance***	EN 13893 DIN 51130	DS R10	DS R9 DS R10
	Environmental	Floorscore SCS-EC10.3-2014 v4.0	Indoor air quality certified; Compliant low emitting VOC emissions.	Indoor air quality certified; Compliant low emitting VOC emissions.
		Indoor Air Comfort	Gold certification; Compliant low emitting VOC emissions.	Gold certification; Compliant low emitting VOC emissions.
		Environmental Product Declaration	Product-specific Type III EPD (products with external third-party verification).	N/A
		NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Silver certified product.	N/A
	Recycling	Suitable	Suitable	Suitable
	Phthalate free	Yes	Yes	Yes

* 5G® and 2G™ are patented technologies invented by Välinge Innovation AB. The 5G® and 2G™ word marks and logos 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.



Manufactured to ISO 9001



Palio Express by Karndean

Crab Apple Way
Evesham
Worcestershire
WR11 1GP

T: **01386 820210**

W: **palioexpress.com**

Follow us  

Front cover image: Palmaria  **PVP149-SCB** |  **LLP149**

PALEXBROCH2 | KD6026UK | 02/21

