

Quantum

NEXTGEN FLOORING

manufactured by



LOOSE LAY VINYL PLANK

5
mm

AMSTERDAM



WATERPROOF - SUNPROOF - FADEPROOF - HEATPROOF

ULTIMATE NEXT GENERATION IN HIGH PERFORMANCE FLOORING

Proline Floors' latest and most innovative hard flooring range

Quantum is the culmination of years of research and development which brings to you the best of engineering and design.

We have sourced timber from around the globe for this incredible collection. Our designers have obsessed over the colour, texture and grain variation of each individual plank to bring you the absolute best design possible.

Quantum Next Generation Flooring has been manufactured specifically to endure the harsh Australian climate. Our iQ+ core utilises cutting edge materials to withstand expansion during our hot summers and to resist contraction throughout our cold winters.

During scientific testing, Quantum outperformed all of the current loose lay planks in the market. Results show that Quantum is 5 times more dimensionally stable than the nearest performing product in this category.

Not only does Quantum perform in a wide variety of climates, we have also incorporated high-end anti fade inks that are rated 40% higher than the European standard. This ensures that the floor will resist fading during the harsh Australian summer.





HOW DO WE ACHIEVE STABILITY?

Quantum utilises cutting-edge material science to enhance performance. The hallmark of a great vinyl plank is in its ability to resist thermal expansion and contraction. Using a combination of advanced fibreglass layers and anti thermal compounds that shrink when heated and expand when cooled, we have achieved the highest stability to date.

Dimensional Stability

This test measures the plank's ability to keep its original dimensions

- The product is heated to 80 degrees celsius for 6 hours.
- Measurements are taken before and after heating.
- This test shows that Quantum plank has a dimensional stability rating of 0.02%



This result is the best dimensional stability in the market.

Thermal Expansion Test

This test measures the change in length the plank will experience when heated from a cold state. It simulates the effects that real-world temperature changes will have on the plank's dimensions during a day.

	5 TO 80 C	5 TO 20 C (GAPPING)	20 TO 80 C (COMPRESSION)
Quantum	0.24mm	0.20mm	0.04mm
Competitor A	0.95mm	0.35mm	0.60mm
Competitor B	1.80mm	1.07mm	0.73mm
Competitor C	5.2mm	1mm	4.2mm

KEY FEATURES

QUANTUM
NEXTGEN

100% Waterproof



Sunproof



Suitable for hot and cold climates



Suitable for kitchens and laundries



Impact resistant



Slip resistant



Low VOC



No acclimatisation necessary



Pet friendly



Matching stair nosings



Compatible with under floor heating







European Inspired Colours

Selected from the finest European oaks, this exquisite collection of nine pre-finished vinyl planks will inspire you to create interiors that exude warmth and character.



LUCERNE



Chapel Bridge
Lucerne,
Switzerland





EUROPEAN INSPIRED



SMART COMPOSITE CORE
High-tech intelligent core for unsurpassed stability



NEXT GEN TECHNOLOGY
Utilises cutting-edge material science to enhance performance



ULTRA HEAT RESISTANT
Designed specifically for Australia's harsh climate

Benefits:



HEAT RESISTANT



0.55mm WEAR LAYER



WATER PROOF



STAIN RESISTANT



MICRO BEVELLED EDGE



MATT FINISH



REALISTIC WOODGRAIN



ANTI-SLIP CERTIFIED



PET FRIENDLY



ACOUSTIC SOUND ABSORPTION



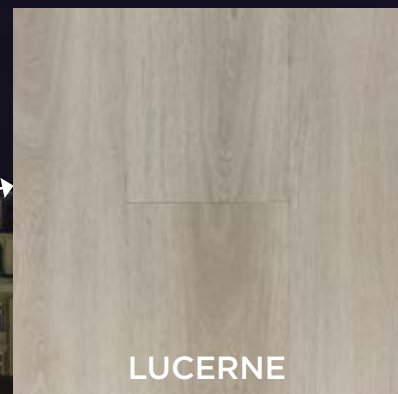
DURABLE



ECO FRIENDLY



Chapel Bridge
Lucerne,
Switzerland

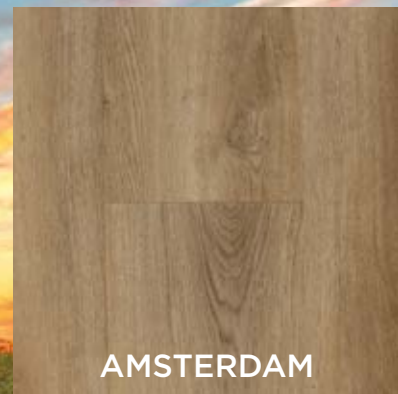


LUCERNE

Chapel Bridge in Lucerne, Switzerland is the inspiration behind this stunning colour. Chapel Bridge is the oldest foot bridge in Europe and extends across the mineral rich waters of the river Reuss. Built in 1333 AD, the oak woods are constantly being tended to and replaced due to soaking up the minerals from the river below. These minerals turn the oaks from their natural colour into this stunning shade of grey and actually soften the timber. It would be impossible to have this timber laid directly on your floor as it is just too fragile, so we have taken the natural beauty of this timber and created the colour Lucerne.



Amsterdam
Canals



AMSTERDAM

Hundred year old oak trees growing along the world famous canals of Amsterdam needed to be removed for dike work to keep the city from being submerged. We managed to source some of this beautiful timber and use it as the inspiration behind our new Quantum Loose Lay colour Amsterdam. We used this timber in several different ways but the one pictured here is in its most natural form. Cross sawn to highlight the amazing cathedral patterns then lightly sanded to leave us with this stunning natural appearance.

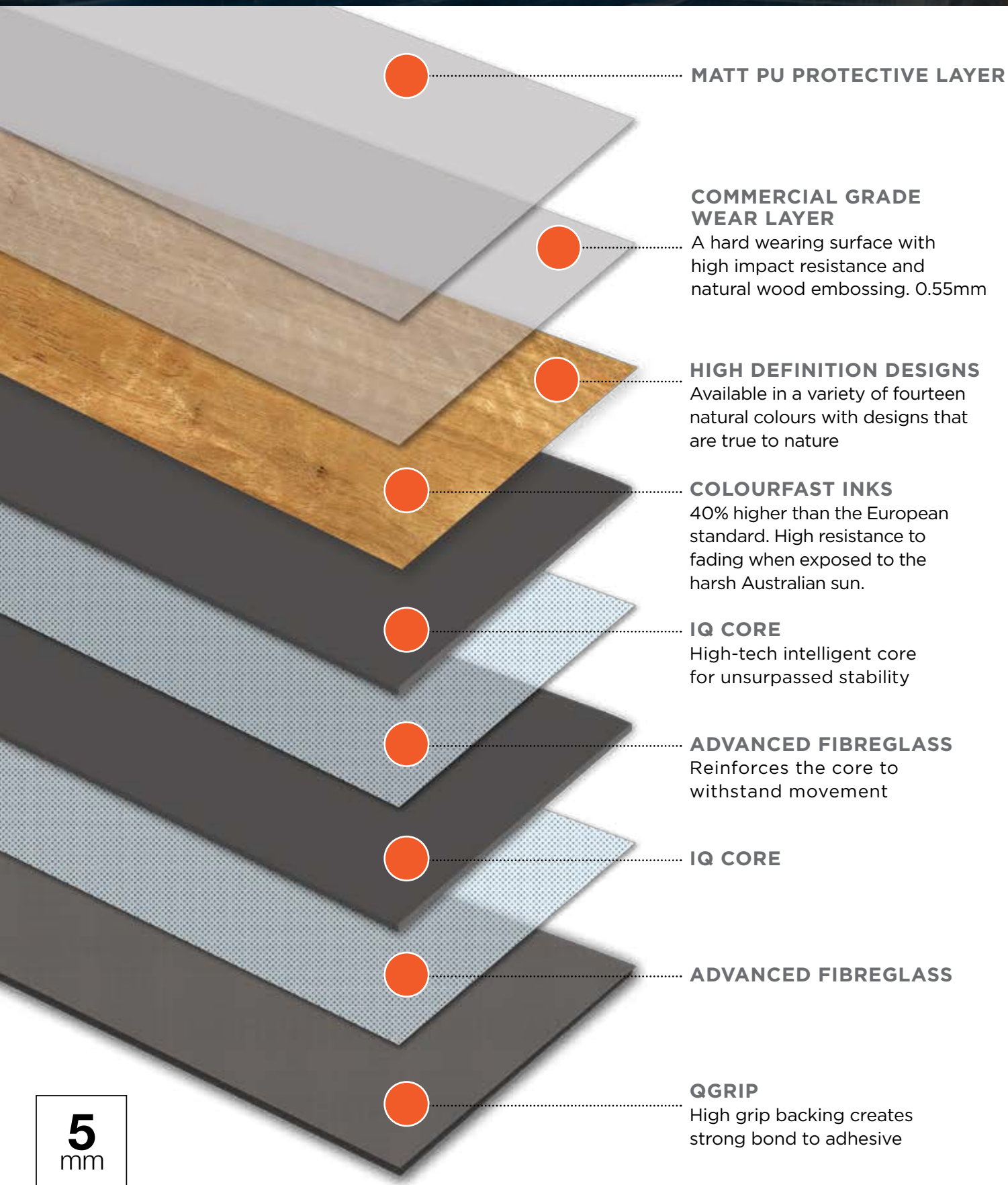




QUANTUM COMPOSITION



MULTIPLE LAYERS OF NEXT GENERATION TECHNOLOGY



MATT PU PROTECTIVE LAYER

COMMERCIAL GRADE WEAR LAYER

A hard wearing surface with high impact resistance and natural wood embossing. 0.55mm

HIGH DEFINITION DESIGNS

Available in a variety of fourteen natural colours with designs that are true to nature

COLOURFAST INKS

40% higher than the European standard. High resistance to fading when exposed to the harsh Australian sun.

IQ CORE

High-tech intelligent core for unsurpassed stability

ADVANCED FIBREGLASS

Reinforces the core to withstand movement

IQ CORE

ADVANCED FIBREGLASS

QGRIP

High grip backing creates strong bond to adhesive

5
mm



True to
Nature
Wood
Grain









Australian Inspired Colours

Enjoy the timeless elegance and character of Australia's classic hardwood colours. **Blackbutt** typifies the coastal lifestyle and **Spotted Gum** is a premium native hardwood species which will enhance any living space.



SELECTED AUSTRALIAN SPECIES





TAMBORINE MOUNTAIN
SPOTTED GUM

5 AUSTRALIAN TIMBER COLOURS



NORTHERN RIVERS SPOTTED GUM



TAMBORINE MOUNTAIN SPOTTED GUM



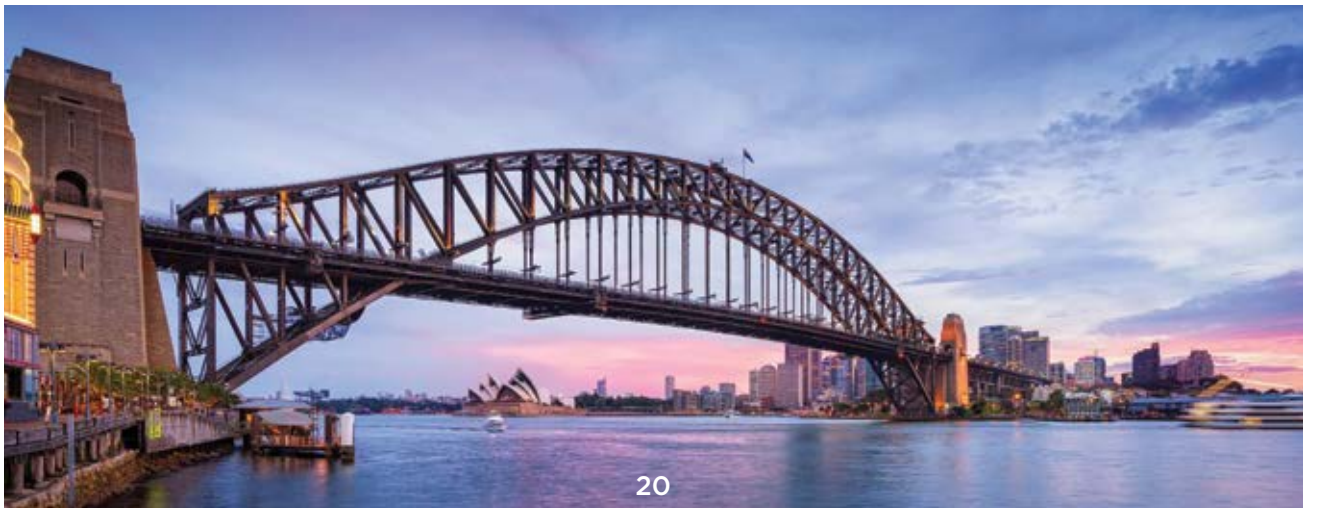
BENDALONG BLACKBUTT



HINTERLAND BLACKBUTT



NOOSA BLACKBUTT





AMSTERDAM



BERGEN



COPENHAGEN



GOTHENBURG



HELSINKI



LUCERNE



MALMO



OSLO



STOCKHOLM

9 EUROPEAN COLOURS

MATCHING ACCESSORIES

BCA Compliant P3 Rated Slip
Resistant Matching Stair Nosing



SPECIFICATIONS

PLANK SIZE:	1,500mm x 230mm
THICKNESS:	5mm
WEAR LAYER:	0.55mm
SURFACE:	Matt Embossed
SLIP RESISTANCE:	P3
WARRANTY:	Lifetime Residential Wear
PIECES PER CARTON:	8
AREA PER CARTON:	2.76m²
WEIGHT PER BOX:	25kg



NORTHERN RIVERS
SPOTTED GUM



Proudly imported and distributed
by Proline Floors. For your nearest
stockist phone **(02) 9525 5241** or
visit **prolinefloors.com.au**

Your local supplier: