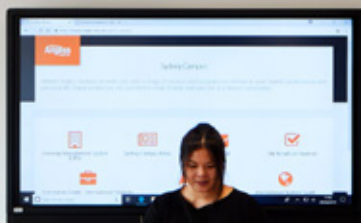


EDUCATION



INTELLIGENT FLOORING

FOR EDUCATIONAL ENVIRONMENTS

Signature



Photographer: Simon Wood

Contents

Experience	4
Learning environments	6
Colour	8
Shapes	10
Here & now – In stock	12
Customisation	14
Sustainability	16
Performance	18
Economical	20
Acoustics	22
Carpet tiles	24
Vinyl planks	26
Axminster	28
Woven vinyl	30
History of projects	32
Glossary	34

Signature Floors – 30 years strong

Signature Floors have a deep understanding of the education sector. Not only because we have been serving schools for so long, but also because we foster our own culture of curious minds and creative thinkers.

Our design team have been travelling the world since 1989, bringing home the latest knowledge on trends, performance requirements and technological advances in the flooring industry. Always focusing on the particular needs of our New Zealand customers, this is a journey that has brought outstanding success.

It's all about finding solutions that are truly fit for purpose. At Signature Floors, we employ an evidence-based design philosophy, combining science with art and sense of place to create and connect spaces for learning and community spirit.



Photographer: Simon Wood



“Quiet please!”

Teaching and learning can be just as challenging as rewarding, and the indoor environment plays a very important role in this regard. From acoustics, light and textures to ergonomics, air quality and ease of maintenance – everything counts toward an environment that is either inspirational and productive or one where even the very best teachers and most gifted students may struggle.

At Signature Floors, products are designed with both teachers and students in mind.



Photographer: Tatjana Plitt



“Adding bright colours as features in carpets has a positive correlation to learning progress.”

Barrett et al., 2013

Photographer: Steve Vidovic

A burst of colour

As the market leader in coloured floors, Signature Floors guarantees designers and architects an abundance of choice in colour, across its range of carpet tiles, woven carpet, vinyl planks and woven vinyl. Currently boasting over 100 colours in our Vivid range and with product development focused on current trends and colour forecasting, the range is soon to grow and double in size. The end result will ensure that school colours can be matched as well as offer the perfect palette to complement and co-ordinate back for zoning and way finding. Solution driven, and always working towards products being fit for purpose, the range works together seamlessly with so many of the other flooring options available in the Signature range, produced specifically for the commercial environment.





Shapes



Signature's Shapes collection deliver ten modular carpet shapes that can be ordered in multiple designs, offering a huge number of stocked options. Most of the ten shapes tessellate with each other, allowing mix-and-match across our other flooring collections. You have complete freedom of choice to bring colours, textures and shapes together – a world apart from traditional carpet tile restraints. Literally putting creative expression at your fingertips, Signature's online 3D design tool will show you the way, or you could engage with our design studio for assistance.



PE
pentagon



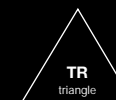
HX
hexagon



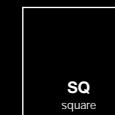
TZ
trapezoid



RA
right angle



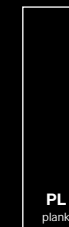
TR
triangle



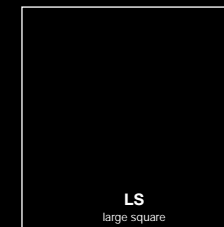
SQ
square



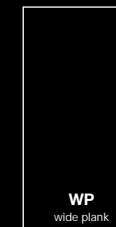
RC
rectangle



PL
plank



LS
large square



WP
wide plank





Here & Now – In Stock

Education facility upgrades and maintenance often have small windows for execution and occur in tight timeframes. New flooring is often installed shortly after being selected, so stock availability is of the essence. Signature offers end-to-end control from design, manufacture to delivery.

- Stocked lines delivered within 3-5 days of ordering
- Stocked lines delivered from Australia within 3-4 weeks
- Custom carpet delivered within 8-10 weeks



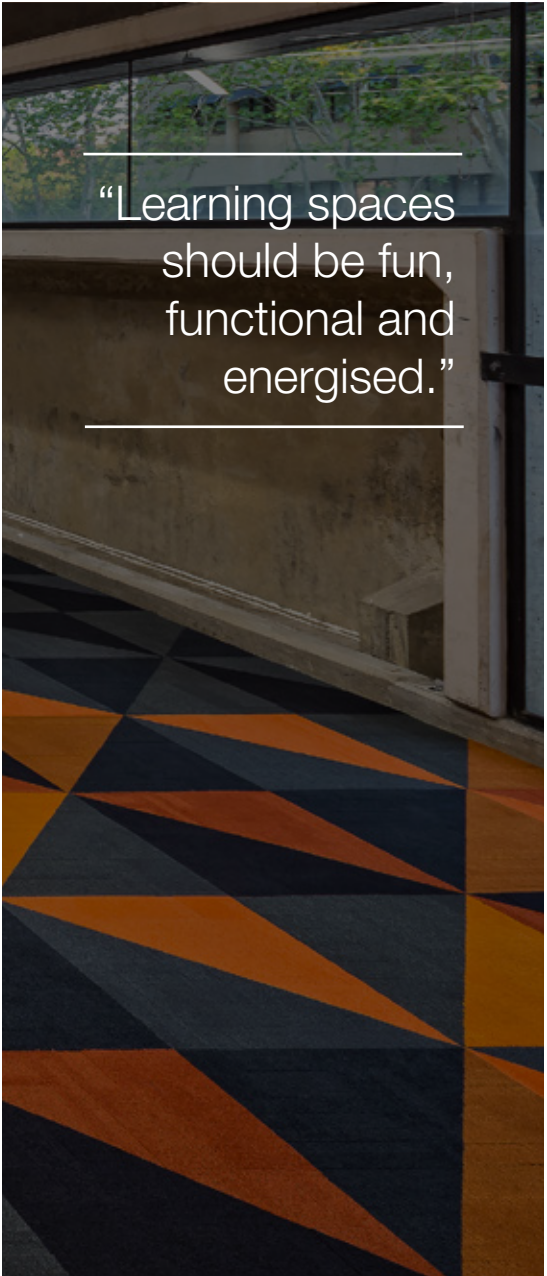
Photographer: Kane Jarrod Photography



Customisation by Signature Studio

Whether you already have a design in mind, or need inspiration to refresh your space. Signature Studio can bring your vision to life. Working with a huge array of stocked colours and shapes our talented team of in-house designers have a wealth of experience and knowledge that will bring your education environment to life.

Can't find what you are looking for? Our Studio team can create a custom floor for your school from one of five flooring mediums: hand tufted, woven, dye injection, tufted and modular.



“Learning spaces
should be fun,
functional and
energised.”



Sustainability

Sustainability is a key factor when designing our flooring. With a history of creating environmentally-friendly solutions, Signature Floors offers products that tick every box.

- Green Tag® Green Rate Level A certified carpet tiles
- Declare labels
- Environmental Product Declarations
- An extensive range of products for Green Star, Living Building Challenge or WELL projects
- Comfi Bak® and Thermo Bak™ offer superior insulation for lower energy consumption
- FloorScore® certified vinyl planks
- Takeback program
- Low VOC
- 48 recycled PET bottles per m² of Comfi Bak® carpet tiles



Declare.



Photographer: Robert Walsh





Performance

Heavy foot traffic and frequent moving of furniture demand robust solutions that are built to last.

- Comfi Bak® and Thermo Bak™ carpet tile options for the toughest environments
- Carpet tiles are anti-zipper and offer great dimensional stability
- Ultra-durable vinyl planks with 0.55mm wear layer
- Up to 15 years commercial warranty



Photographer: Kristian Gehradte and Merlyn Reuter





Photographer: Brett Boardman

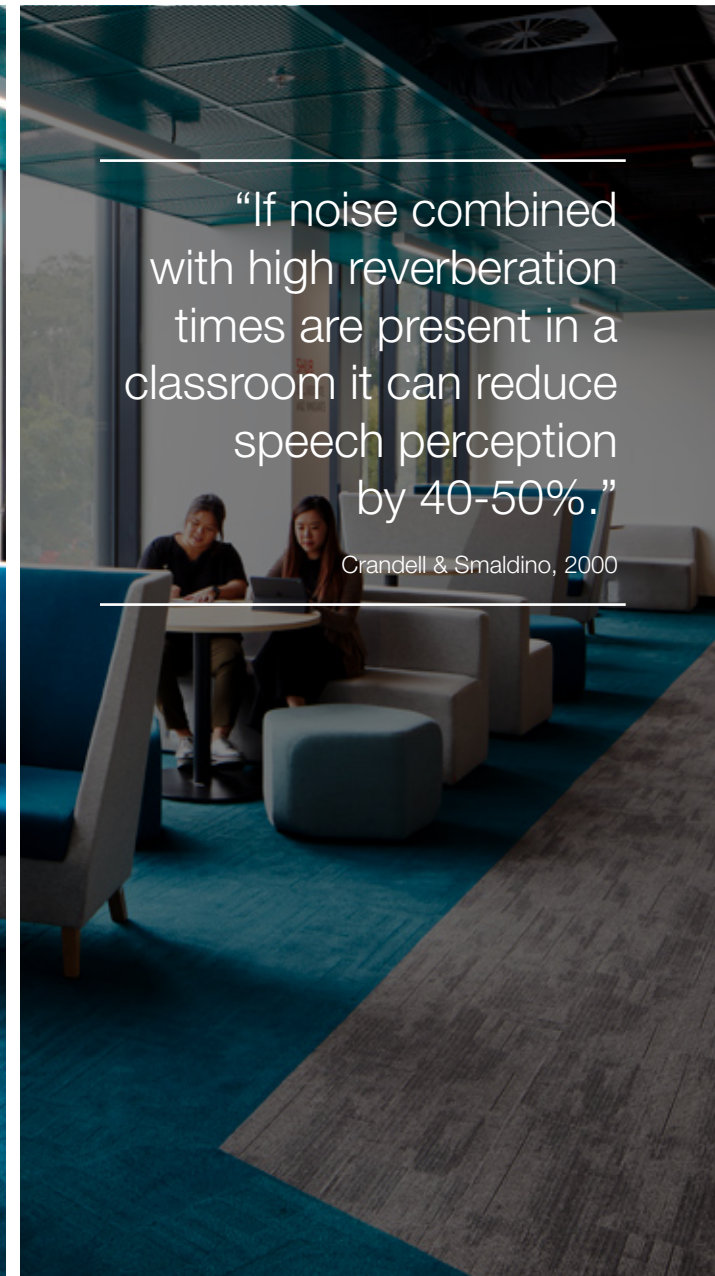


Limited school budgets

Flooring is one of the major expenses of school fit-outs, but it can be the least costly way to create spaces within spaces and improve the learning environment across the board. Signature has the range and price points for maximising your return on investment.

- Budget-friendly options mixing and matching with premium ranges
- Easy replacement of individual carpet tiles
- Low minimum order requirements
- Complimentary Studio services





“If noise combined with high reverberation times are present in a classroom it can reduce speech perception by 40-50%.”

Crandell & Smaldino, 2000

Acoustics

Noisy classrooms are easily the biggest contributors of stress and distraction in primary schools. Often stemming from the use of materials with low or zero noise reduction coefficients, the resultant effect is higher reverberation time – hampering speech clarity between student and teacher.

Signature’s soft flooring solutions offer acoustic comfort by lowering reverberation time and mitigating noise in classrooms.

Thermo Bak™ carpet tiles

- Absorb approximately 15%* of airborne sound
- Absorb approximately 23 db* of impact sound

Comfi Bak® carpet tiles

- Absorb approximately 30%* of airborne sound
- Absorb approximately 32 db* of impact sound

*NRC, SAA, α_w absorption and $L_{n,w}$ impact sound test results can be provided on request. Results vary based on product specification.



Photographer: Robert Walsh

Photographer: Luc Remond



Carpet tiles

All Signature carpet tiles are stocked lines and are available in tiles, planks and shapes. These collections colour-coordinate with our Vivid collection and can be customised by colour and any one of our ten shapes for a small minimum. These carpet tiles are designed to coordinate with other product categories including our vinyl planks and woven vinyl tiles.

Additionally, Signature Floors provides carpet tile options that meet government school project requirements.



Photographer: Luc Remond





Vinyl planks

Signature vinyl planks offer a great solution for breakout areas, kitchens and bathrooms. The floor is warm and soft underfoot, yet extremely resilient, with a commercial 0.55mm wear layer camouflaging scratches and indentations. Easy to maintain, it is a highly efficient and budget-friendly option for schools, student accommodation and universities.



Photographer: Brett Boardman





Woven carpet

Luxury and craftsmanship are the hallmarks of Signature's woven carpets. An unlimited range of stylish colours makes woven ideal for commercial applications and heavy traffic areas. This all cut, 80% wool, 20% nylon carpet features yarn interwoven into the backing for added durability and a wonderfully plush look and feel. Signature's woven carpets represent the epitome of creative opportunity for prestigious educational facilities.



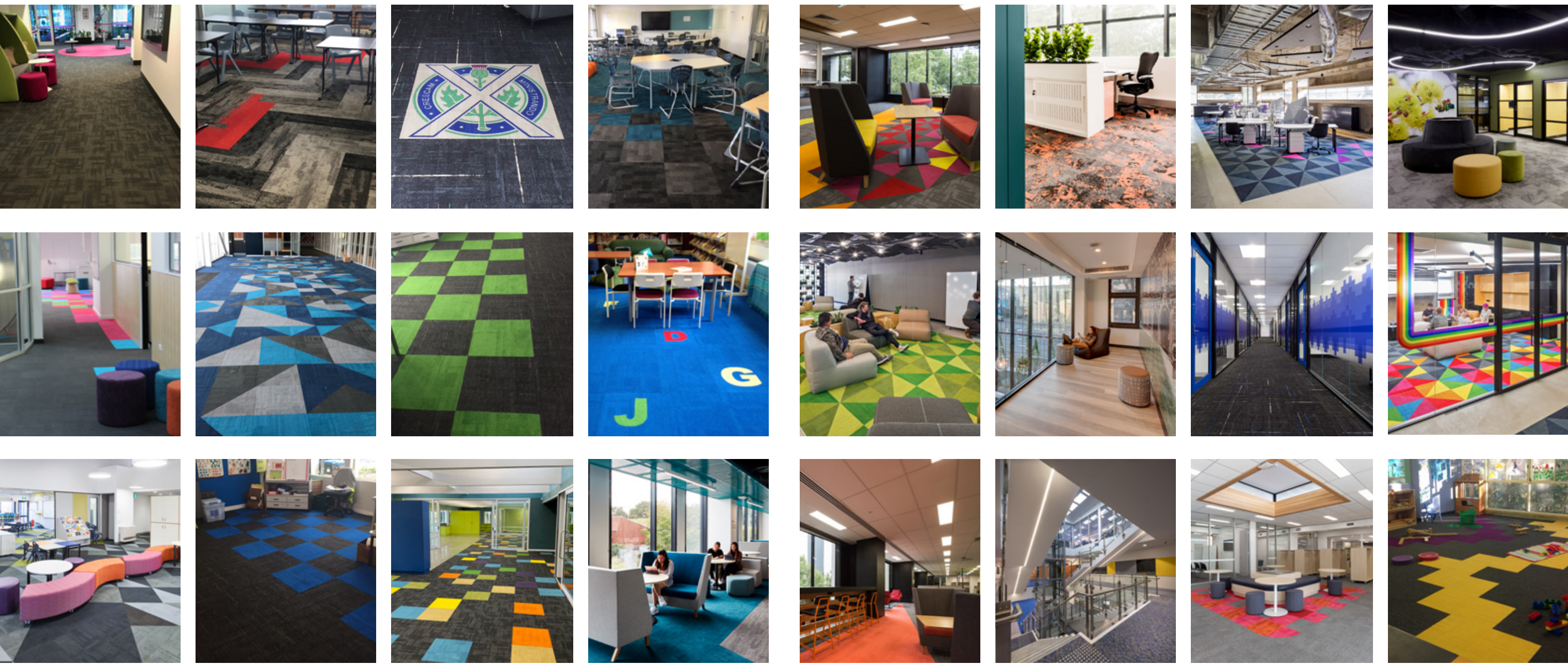
Woven vinyl

Featuring embedded acoustic and fibreglass layers, woven vinyl offers 150% better sound absorption than other vinyl products, reducing walking noise by 70%. Increased comfort, no visible seams, proven maximum durability, radically improved heat insulation and ease of maintenance add to the appeal of this premium vinyl choice.



Photographer: Dianna Snape







GreenTag® GreenRate Level A Certified for Green Star projects as outlined by the Green Building Council of Australia.



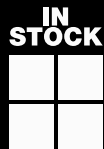
A label certified by the International Living Future Institute for building products, which details the material ingredients of the product and its recyclability.



An Environmental Product Declaration (EPD) documents the way in which our products impact the environment throughout its life cycle.



Optional cushioning backing for enhanced comfort. 50m² min order applies.



Tight Schedule?
No problem, all Signature Floors ranges are stocked lines.



Signature's Shapes collection come in ten modular shapes that can be in ordered in minimums as low as 50m².



innovation & inspiration



Signature Floorcoverings Pty Ltd
698A Great South Road, Penrose Auckland 1061
tel 0800 150 555
signaturefloors.co.nz