Belgotex®

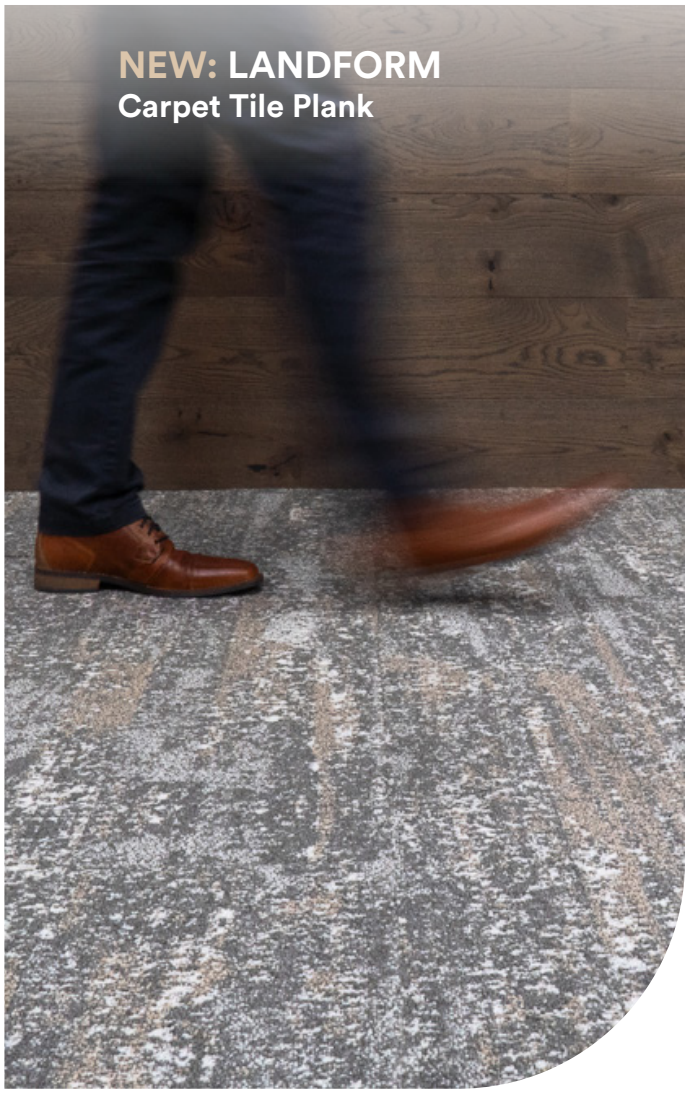
ENGINEERED FOR TOMORROW

Next-generation backing technology for lighter, faster installation.

Sustainability at its core, using recycled content and lower-energy production.

Proven global performance in high-demand commercial environments.

Designed for the future, supporting leading green-building standards.



INTRODUCING

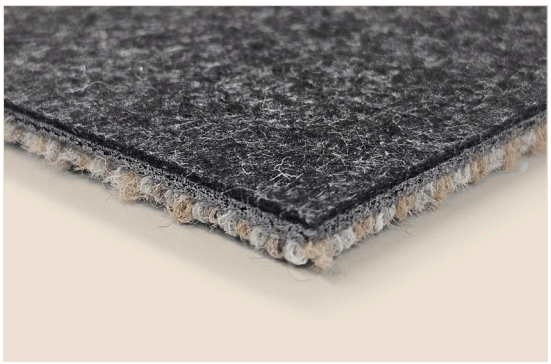
The next generation of carpet tile innovation

Lighter. Smarter. Quieter – from the backing up.

Belgotex reimagines what lies beneath every great floor.

Our latest innovation comes with a high-performance, sustainable backing engineered for easier handling, long-term durability, better acoustic performance, and reduced environmental impact.

This is not just an upgrade, it's a transformation in how carpet tiles are made, transported, and installed.

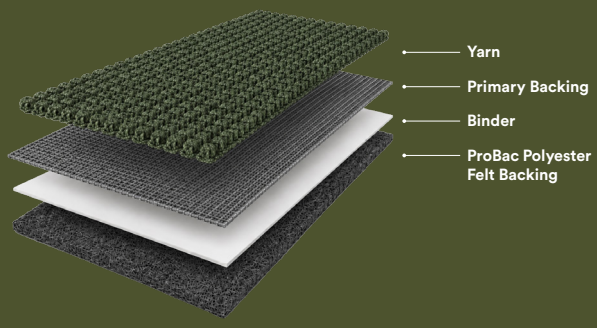


A world of **perfect** choices

belgotex.co.nz

ProBac – our next generation carpet tile backing

Developed for strength, comfort, and environmental performance.



Performance Advantages

- **30% lighter** than conventional bitumen backings for easier handling and installation.
- **Lower energy use** bypasses the hot-bitumen line, reducing power demand.
- **Extended product life** stable structure ensures long-term durability.
- **Acoustic comfort** absorbs impact sound for quieter interiors.
- **Reduced transport emissions** lower weight equals low carbon footprint.

Sustainability Credentials

- Made with **recycled polyester** for reduced virgin material use.
- **L**ow global-warming potential.
- **L**ow VOC emissions.
- **GreenTag PHD PlatinumHEALTH** Certified – no chemicals of concern down to 0.01%, with no health risks across the full lifecycle.
- Supports **Green Star, LEED, and WELL** building standards.

ProBac Technical Summary

Property	Method	Value
Fibre composition	Needlefelt	Polyester (75% rPET / 25% virgin PET)
Mass per unit area	EN 29073-1	300 g/m² ± 10%
Thickness	ISO 5084	2.5 – 3.5 mm
Tensile strength MD/CMD	ISO 9073-3	≥ 350 N
Elongation at break MD/CMD	ISO 9073-3	≥ 40%
Width tolerance	Internal QC	± 0.5%
Length tolerance	Internal QC	± 0.5%
Impact Sound Reduction	EN ISO 10143-3	ΔLw 26dB