

# Belgotex®

ENGINEERED FOR TOMORROW

**Next-generation backing technology** for lighter, faster installation.

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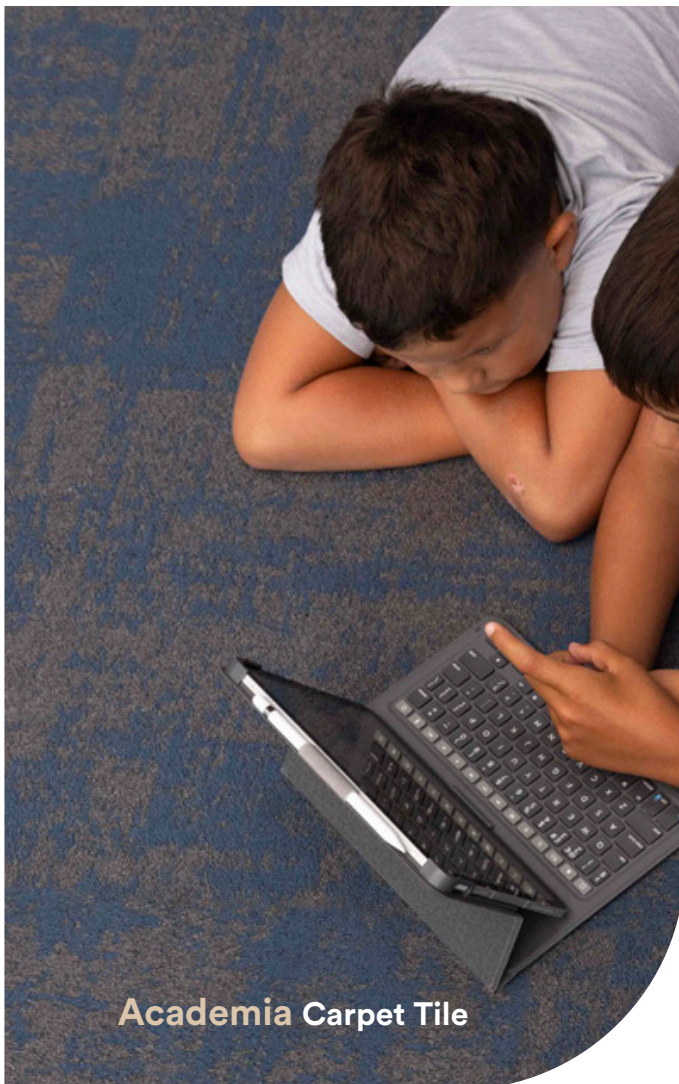
**Sustainability at its core**, using recycled content and lower-energy production.

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**Proven global performance** in high-demand commercial environments.

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



**Academia Carpet Tile**

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.



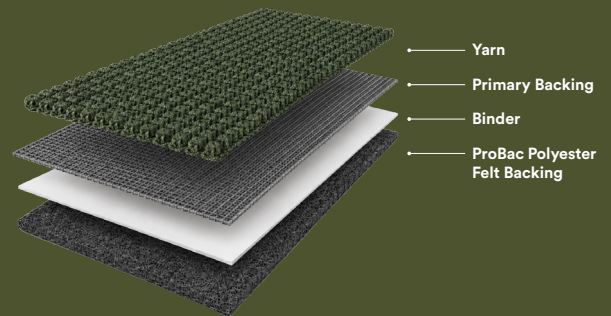
**A world of perfect choices\_**

[belgotex.com.au](http://belgotex.com.au)



# 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.
- Low global-warming potential.
- Low 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/m <sup>2</sup> ± 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

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