

Flinders

Carpet Tiles

Inspired by the ancient beauty of the Flinders Ranges in central northern South Australia, this collection of carpet tiles combines ageless stone colors with a subtle shatter-crack pattern that can lift the aesthetic of any space. The Flinders carpet tile collection is a 100% solution dyed nylon carpet tile in the 500mm x 500mm (19.7" x 19.7") square format. Featuring QuietBack™, this carpet tile achieves a Noise Reduction Coefficient (NRC) of 0.35. Available in a wide range of colorways, Flinders carpet tiles are designed specifically to provide superior acoustic performance to that of similar floor coverings.

QUIETBACK™

QuietBack™ is the holistic carpet construction optimised for acoustic performance. This occurs when the face pile layer and the felt work together as an acoustical absorber. By significantly increasing the air flow capability of the tile, this in turn increases the acoustic absorption results. This is an important acoustic concept.

The air flow, breathable feature of QuietBack™ is the result of removing harmful and sound-inhibiting PVC, bitumen and fiberglass substrates, allowing the product to offer both environmental and acoustical benefits.















Regular hard or felt backed tile reflects more sound



Carpet tile featuring QuietBack™ absorbs more sound

Key features:

-  QuietBack™ for acoustic performance
-  Lightweight
-  Easy to cut and install
-  No bitumen, rubber, PVC or fiberglass
-  Superior breathability
-  Underfoot comfort
-  Made from >80% recycled materials and fully recyclable content
-  High resistance to fire
-  Low maintenance
-  Thermal efficiency
-  Certified low VOC
-  20 year warranty against delamination under a castor wheel

To learn more visit acoufelt.com/quietback

Specifications

Surface	Floor	
Composition	100% solution dyed nylon	
Material	QuietBack™	
Style	Multi-level textured loop pile	
Recycled Content	QuietBack™ = >80% recycled PET content	
	METRIC	IMPERIAL
Thickness	8mm +/- 1mm	0.31" +/- 0.04"
Dimension	500mm x 500mm	19.7" x 19.7"

Performance

Dimensional Stability	BS EN 986	
Electrostatic Propensity	AATCC 134, ≤1.0 KV	
Light Fastness	ISO 105 B02, min 6	
	METRIC	IMPERIAL
Thermal Resistance	0.2m² K/W	1.14ft² °F/BTU

Flammability

Test Method Number	AS/ISO 9239.1-2003	
Critical Heat Flux Value	4.9kW/m²	
Smoke Value	187%.min	

Test Method Number	ASTM E648 Class 1	
Critical Radiant Flux	0.54W/cm²	
Standard Deviation	0.01W/cm²	

Guarantee

Wear Warranty	20 years*	
Castor Chair Proof	20 years*	
Anti-Static	Lifetime*	
Colorfast	20 years*	
Classification	Commercial Extra Heavy Duty	

*conditions apply

Environmental

One square meter of QuietBack™ diverts 34 x PET (600ml) drinking bottles from landfill. Acoufelt carpet tiles are 'Declare' certified, LCB Red List Free, CRI accredited for low VOC, USGBC accredited and recognised under LEED.

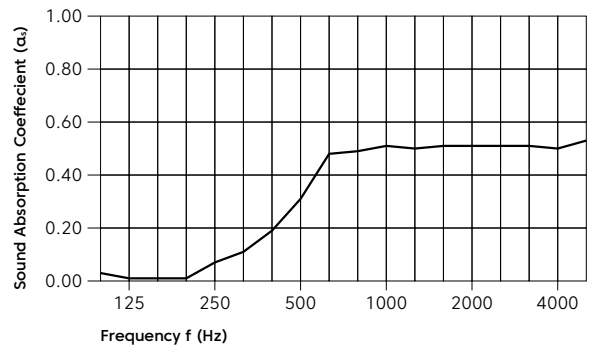


Declare.

Acoustic Performance

Sound Absorption
ASTM C423-09a

Sound absorption coefficient αw 0.35
NRC 0.35 (125–4000 Hz)



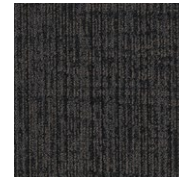
*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs	0.01	0.07	0.31	0.51	0.51	0.50	0.35

Colorways



Ikara Place



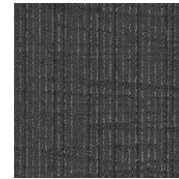
Western Grey



Sliding Rock



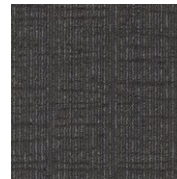
Monsoonal Wind



Shale Outcrop



Pichi



Embankment

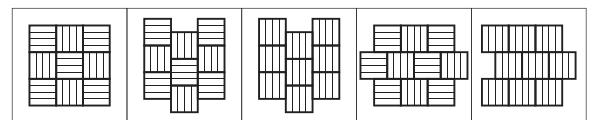


Outback



Marree

Installation Methods



Quarter Turn

Vertical Stair Step

Vertical

Horizontal Stair Step

Horizontal Brick

For further product information visit acoufelt.com

Specifications are based on average from normal manufacturing tolerances, such variations do not effect product performance. We reserve the right to improve the specification of the product without prior notice. As with all quality carpets, slight variation in color may occur from dye lot to dye lot. Protective chair pads are recommended under office chairs with roller castors to preserve appearance retention and to avoid excessive wear. Side to side linear pattern and color match cannot be guaranteed.