

Urban

Featuring QuietBack™

The Urban carpet tile collection is a 100% solution dyed nylon carpet tile in the 500 x 500mm (19.7" x 19.7") square format. Featuring QuietBack™, this carpet tile achieves an acoustic rating of NRC 0.40.

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.

These capabilities make it a holistic acoustic treatment for the floor; the inception of the integrated approach of the Acoufelt Acoustic FWC™ philosophy.










Regular hard or felt backed tile reflects more sound



Carpet tile featuring QuietBack™ absorbs more sound

Key features of the Acoufelt carpet tiles featuring QuietBack™ include:

-  Superior acoustic performance
-  Lightweight
-  Easy to cut and install
-  No bitumen, rubber, PVC or fiberglass
-  Superior breathability
-  Underfoot comfort
-  Made from >85% recycled materials and fully recyclable content
-  Excellent resistance to fire
-  Low maintenance
-  Thermal efficiency
-  Certified low VOC
-  Stain protection capabilities
-  20 year warranty against delamination under a castor wheel

To learn more visit acoufelt.com/quietback

Product Specifications

Description	Multi-level textured loop pile	
Feature	QuietBack™	
Pile Content	100% solution dyed nylon	
Pile Treatment	Stain protector & soil repellent	
Primary Backing	100% non-woven synthetic spunbond	
Secondary Backing	Eco friendly acoustic felt backing (>85% recycled PET bottles*)	
Machine Gauge	1/12	
	METRIC	IMPERIAL
Pile Thickness	5mm +/- 1mm	0.2" +/- 0.04"
Total Thickness	10mm +/- 1mm	0.39" +/- 0.04"
Tile Size	500mm x 500mm	19.7" x 19.7"
No. of Tiles Per Box	20 tiles (5.00m ²)	20 tiles (53.8ft ²)

Performance

Dimensional Stability	BS EN 986, <0.2% KV
Electrostatic Propensity	AATCC 134, ≤1.0 KV
Light Fastness	ISO 105 B02, min 6
Thermal Resistance	0.2m ² K/W

Environmental

Pile Fiber	Certified low VOC
Secondary Backing	>85% recycled PET content*

Flammability

Test Method Number	AS/ISO 9239.1-2003
Critical Radiant Flux	Mean result 7.4kW/m ²
Smoke Dev Rate	Mean result 175%.min

Test Method Number	ASTM E648 Class 1
Critical Radiant Flux	0.54W/cm ²
Standard Deviation	0.01W/cm ²

Guarantee

Wear Warranty	15 years*
Castor Chair Proof	20 years*
Anti-Static	Lifetime*
Colorfast	10 years*
Classification	Commercial Extra Heavy Duty

*conditions apply

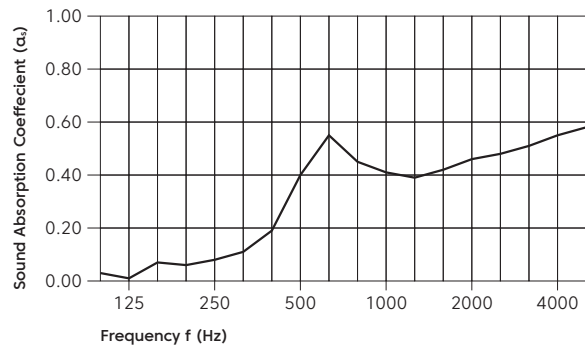


Declare.

Acoustic Performance

Sound Absorption
ISO 354-2003

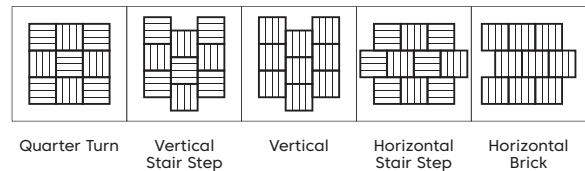
Sound absorption
coefficient αw 0.40
NRC 0.40 (125-4000 Hz)



*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
αs	0.01	0.08	0.40	0.41	0.46	0.55	0.40

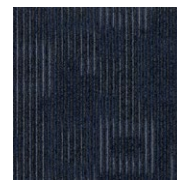
Installation Method



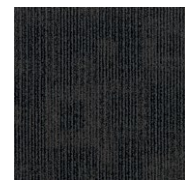
Colorways



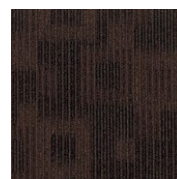
Welsh Slate
UR03



Sydney Harbour
UR04



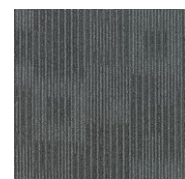
Manhattan
Sidewalk UR05



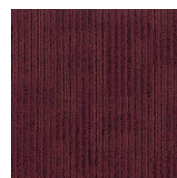
Monterrey Hills
UR06



Paris Gardens
UR07



London Fog
UR08



Singapore
Plaza UR10



Dubai Sands
UR11



Milan Stone
UR12

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.