



# Monitor

Featuring QuietBack™

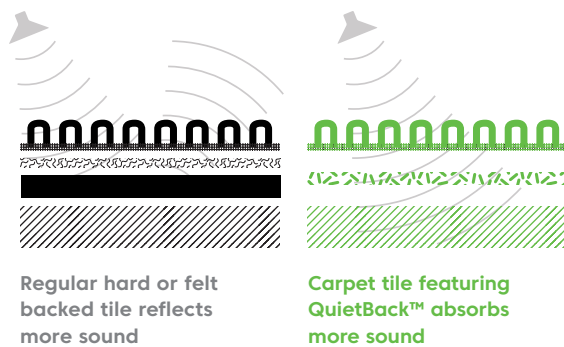
The Monitor carpet tile collection is a 100% solution dyed nylon carpet tile in the 250 x 1000mm (9.8" x 39.4") plank format. Featuring QuietBack™, this carpet tile achieves an acoustic rating of NRC 0.35.

## 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.



## 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](https://acoufelt.com/quietback)

## Product Specifications

Description	Level 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	1/10	
	METRIC	IMPERIAL
Pile Thickness	4mm +/- 1mm	0.16" +/- 0.04"
Total Thickness	8mm +/- 1mm	0.31" +/- 0.04"
Tile Size	250mm x 1000mm	9.8" x 39.4"
No. of Tiles Per Box	20 tiles (5.00m <sup>2</sup> )	20 tiles (53.8ft <sup>2</sup> )

## Performance

Dimensional Stability	BS EN 986, <0.2% KV	
Electrostatic Propensity	AATCC 134, ≤1.0 KV	
Light Fastness	ISO 105 B02, min 6	
	METRIC	IMPERIAL
Thermal Resistance	0.2m <sup>2</sup> K/W	1.14ft <sup>2</sup> °F/BTU

## 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 3.2kW/m <sup>2</sup>
Smoke Dev Rate	Mean result 160%.min
Test Method Number	ASTM E648 Class 1
Critical Radiant Flux	0.54W/cm <sup>2</sup>
Standard Deviation	0.01W/cm <sup>2</sup>

## Guarantee

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

\*conditions apply

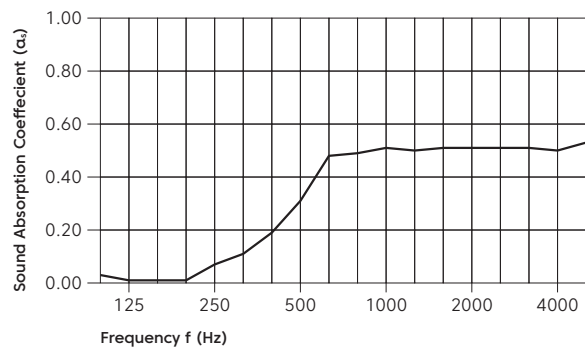


Declare.

## Acoustic Performance

Sound Absorption  
ASTM C423-09a

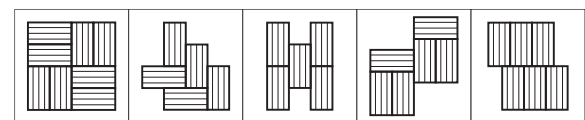
Sound absorption coefficient α<sub>w</sub> 0.35  
NRC 0.35 (125-4000 Hz)



\*Graph not to scale.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
α <sub>s</sub>	0.01	0.07	0.31	0.51	0.51	0.50	0.35

## Installation Method



Quarter Turn Herringbone Vertical Plank Half-Lap Horizontal Brick

## Colorways



Channel MO01



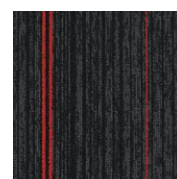
Circuit MO02



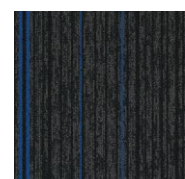
Control MO03



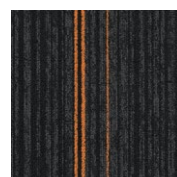
Cable MO04



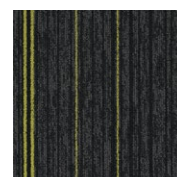
Cable Red MO05



Cable Blue MO06



Cable Orange MO07



Cable Green MO08

For further product information visit [acoufelt.com](http://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.