

BPIR Data Sheet

Awake

1/3

**Product class**  
Class 1 - Batch or mass-produced products

**Product name**  
Awake Carpet Tiles

**Place Manufactured (New Zealand or Overseas)**  
Overseas, manufactured in China

**Product description and its intended use**

500mm x 500mm x 6.6mm high carpet tile made with a multi-level loop construction consisting of 100% solution dyed nylon 6 fibre bonded to a recycled EcoBack backing system. Stocked in a range of 8 colours.

Relevant Building Code clauses

B2	Durability	Performance clause B2.3.1 c) 5 years
C3	Fire Affecting Area beyond the source	Performance clause C3.4 b) - does not apply to detached dwellings, within household units in multiunit dwellings or outbuildings and ancillary buildings.
D1	Access Routes	Performance clause D1.3.3 d)
F2	Hazardous Building Materials	Performance clause F2.3.1
G6	Airborne and Impact Sound	Performance clause G6.3.1 and G6.3.2
H1	Energy Efficiency	Function requirement clause H1.2a) - does not apply to assembly service buildings, industrial buildings, out-buildings or ancillary buildings.
		Contributes to performance clause H1.2.1 (Floor coverings only contribute to the Construction R-value of Floors when using the modelling method in accordance with NZBC H1/VM1 & VM2)

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## Awake

2/3

### Statement of how the building product is expected to contribute to compliance

<b>B2</b>	Durability - B2.3.1c)	Awake carpet tile have durability beyond 5 years, based on NXBC B2/VM1 clause 1.1 In-service history.
		Durability supported by a lifetime product warranty for wear resistance, delamination and dimensional stability, a lifetime warranty for stain, soil and anti-static and a lifetime year castor chair limited warranty.
<b>C3</b>	Fire Affecting Area beyond the source - C3.4 b)	Awake carpet tile has been tested to BS EN ISO 9239.1 - 2002 and achieves a CHF (Critical Heat Flux) mean of 8.6kW/m <sup>2</sup> . Refer to BTTG, Test Report 25/10431c-Supp/11/20, dated 11.1.2020.
<b>D1</b>	Access Routes - D1.3.3 d)	Awake carpet tiles meets the requirments for slip resistance in accordance with NXBC D1/AS1 2.1 Slip Resistance, Table 2 Slip Resistance for walking surface. Awake carpet tiles are acceptable for level and sloping surfaces, wet and dry slip resistance.
<b>F2</b>	Hazardous Building Materials - F2.3.1	Awake carpet tiles are manufactured from non-toxic materials.
		Declare certified, Living Building Challenge Criteria complaint, LBC Red List Free.
<b>G6</b>	Airborne and Impact Sound - G6.3.1 and G6.3.2	Awake carpet tiles have been tested to EN ISO 354 for sound absorption, achieving a weighted sound absorption co-efficient of 0.20 and tested to EN ISO 10140-3 for impact sound insulation. Refer to CENTEXBEL Report 20.054002.01 Sound Absorption/Impact Sound Insulation, dated 19.10.2020
<b>H1</b>	Energy Efficiency - H1.2a) & H1.2.1	Awake carpet tiles have been tested to ASTM C518-17 and achieve a thermal conductivity of 0.082W/mK and thermal resistance of 0.082 (m <sup>2</sup> .K)/W. Refer to Intertek Test Report 180921008SHF-001 dated 9.10.2018.

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3/3

### Limitations on the use of the building product

- Awake carpet tiles are suitable for interior applications only.

### Design requirements that would support the appropriate use of the building product

- Awake carpet tiles are suitable for use in high traffic, commercial areas.

### Installation requirements

- Install in accordance with Advance Flooring, Installation Instructions Advance Carpet Tiles for EcoBac and Comfort Backed/Mix-Bac Tiles.
- Ensure carpet tiles are from the same batch (batch number stated on box) as slight colour variation may occur from batch to batch.
- Ensure temperature at installation is between 10°C and 25°C at a relative air humidity of approximately 60%. Remove tiles from box and condition for 24 hours in room they will be installed in.
- Lay Awake carpet tiles in Brick, Monolithic, Quarter-turn or Ashlar pattern.
- Advance Flooring recommend the full stick installation method using Advance Flooring approved adhesives only.

### Maintenance requirements

- Maintenance to be in accordance with Advance Flooring, Maintenance Instructions - Advance Carpet Tiles.
- Regular maintenance is required to ensure optimal performance and appearance.
- Do not use any cleaner with a pH of 10 or higher.
- Periodic cleaning by a certified carpet case professional using the standard hot water extraction method (60°) is recommended to refresh carpet appearance.