

# BPIR Data Sheet

## Kinetex

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### Product class

Class 1 - Batch or mass-produced products

### Product name

Advance Kinetex Composite Textile Floor Tiles & Planks and Kinetex Adhesive

### Place Manufactured (New Zealand or Overseas)

Overseas, manufactured in the USA.

### Product Identifier

There is a large range of tile and plank patterns and colours with unique product identifier codes.

### Product description and its intended use

5.2mm thick composite textile modular floor tiles and planks comprised of woven solution dyed polyester wear layer thermally fused to polyester felt cushioned backing layer, suitable for commercial, retail, healthcare and education flooring applications.

Available in 610mm x 610mm modular tiles, 305mm x 1219mm planks and 457mm x 914mm planks in a range of patterns and colours.

Kinetex Adhesive is a pressure sensitive, low VOC adhesive for Kinetex composite textile floor tiles and planks, available in 3.8L and 15.1L.

### Relevant Building Code clauses

<b>B2</b>	Durability	Performance clause B2.3.1 c) 5 years
<b>C3</b>	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.
<b>D1</b>	Access Routes	Performance clause D1.3.3 d)
<b>F2</b>	Hazardous Building Materials	Performance clause F2.3.1

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

<b>B2</b>	Durability - B2.3.1 c)	Advance Kinetex composite textile floor tiles and planks have a durability beyond 5 years, based on NZBC B2/VM1 clause 1.1 In-service history.
		Durability is supported by a limited lifetime warranty.
<b>C3</b>	Fire Affecting Area beyond the source - C3.4 b)	Advance Kinetex composite textile floor tiles and planks have been tested to EN ISO 9239-1:2010 and achieve a CRF (Critical Radiant Flux) mean value of 8.3kW/m <sup>2</sup> . Refer to Exova Warringtonfire test report WF 355644 Issue No 2 dated 11th August 2015.
		A CRF of 8.3kW/m <sup>2</sup> meets the requirements of NZBC C/AS2 Table 4.5 Critical radiant flux requirements for flooring for all risk groups.
<b>D1</b>	Access Routes - D1.3.3 d)	Advance Kinetex composite textile floor tiles and planks have been tested to AS 4586:2013 Appendix A (Wet Pendulum Test) and achieve an SRV classification of 56 and Class P5.
		An SRV of 56 is compliant with NZBC D1/AS1 for level access routes expected to become wet with water in normal use.
		Class P5 is compliant with NZBC D1/AS1 for stairs and ramps not steeper than 1:12.
<b>F2</b>	Hazardous Building Materials - F2.3.1	Kinetex composite textile floor tiles and planks are Declare certified Red List Free, refer to Declare label ENF-0001.
		Kinetex Adhesive - CRI Green Label Plus GLP50250

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### Limitations on the use of the building product

- Suitable for interior use only.
- Not suitable for spaces containing sanitary fixtures or sanitary appliances (e.g. kitchens and bathrooms).

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

- Suitable for commercial, retail, healthcare and education flooring applications.
- Suitable substrates include:
  - Concrete
  - Plywood
  - Fibre cement sheet

### Installation requirements

- Install in accordance with Kinetex Installation Instructions.
- Substrate prepared in accordance with NZS AS 1884 Floor coverings - Resilient sheet and tiles - Installation practices.
- Substrate to be level, dry, smooth, sound, clean, and free from dust and other contaminants.
- Substrate temperature between 18°C and 29°C.
- Kinetex tiles and planks can tolerate concrete/ cementitious substrates with Relative Humidity (RH) of 100% and pH 11.0.
- Plywood and existing concrete substrates require priming prior to flooring installation.
- Adhere tiles and planks using Kinetex Adhesive (pressure sensitive adhesive) in accordance with manufacturer's instructions.

### Maintenance requirements

- Care and maintenance in accordance with Kinetex Maintenance Instructions.
- Daily vacuum
- Daily spot and stain removal.
- Interim maintenance using low moisture extraction equipment monthly to 6 monthly depending on traffic.
- Restorative maintenance using hot water extraction equipment 3 monthly to annually depending on traffic.

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