BPIR
Building Product
Information Requirements

MILLIKEN (AUSTRALIA) PTY LTD CARPET TILE PRODUCTS

PRODUCT CLASS

Class 1: Batch or mass-produced products.

PRODUCT NAME (S)

- Amplifier
- Artistic Liberties
- Beyond Chroma
- Botanic Impressions
- Circular Relationships
- City Nights
- Clerkenwell
- Coastline
- Colour Compositions
- Colour Connect 2.0
- Comfortable Concrete
- Consequence 2.0
- Creo
- Corroboree – Brentyn Lugnan
- Corroboree – Chern'ee Sutton
- Corroboree – Kevin Bynder
- Corroboree – Jennifer Kemarre
- Corroboree – Mandy Nicholson
- Corroboree – Samantha Gollan
- Creo
- Danxia
- Distinct Forms
- Exceed
- Floristics
- Fractals
- Free Flow
- Heavy Meta
- Immix
- Inspired Series
- Karona 3
- Laylines
- Lightbox
- Live Circuit
- Major Frequency: One
- Major Frequency: One Colours
- Momentum
- Naturally Drawn
- Nordic Stories
- Northward Bound 2.0
- Patina Vibes
- Poise
- Pa Harakeke
- Revelation
- Ripple
- Salt Lakes
- Sandhills
- Styled Opulence
- Sisal Edit
- Topography 2.0
- Tracing Landscapes
- Tweave
- Unearthed
- Velvet
- Water Yuludarla
- Whale Song

PRODUCT DESCRIPTION AND ITS INTENDED USE

- Milliken cushion-backed carpet tiles, 500mm x 1000mm, 500mm x 500mm and 250mm x 1000mm, 1000mm x 1000mm varying nominal total thickness between 7.9mm – 12.7mm, manufactured from tufted, textured loop and/or tip shear solution dyed nylon and PrintWorks™ with WellBAC® Comfort and WellBAC® Comfort Plus with PVC Free and Non-Reactive Cushion Backing, suitable for Commercial Extra Heavy Duty and Stair applications. Available in a range of patterns and colours*.

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MILLIKEN (AUSTRALIA) PTY LTD CARPET TILE PRODUCTS

- Milliken hardback carpet tiles, 500mm x 500mm, varying nominal total thickness between 5.30mm -5.84mm, manufactured from tufted, textured loop solution dyed nylon with WellBAC® Function with PVC Free and Non-Reactive Backing, suitable for Commercial Extra Heavy Duty and Stair applications. Available in a range of patterns and colours*.

PRODUCT IDENTIFIER

Refer to Appendix 1.

**Appendix 1: Modular Carpet Tile Full Product Listing with Description and Compliances.*

PLACE MANUFACTURED (NEW ZEALAND OR OVERSEAS)

Milliken (Australia) Ltd, 171 Briens Road, Northmead, NSW 2152, Australia

Milliken Floorcovering, Beech Hill Plant, Gidlow Lane, Wigan, WN6 8RN, United Kingdom

Milliken Floorcovering, 924 Milliken Rd, Spartanburg, SC 29303. USA

Milliken Textile (Zhangjiagang) Co., Ltd.
19 North Guotai Road, Zhangjiagang, Jiangsu, P.R. China, 215638

RELEVANT BUILDING CODE CLAUSES

B2 DURABILITY	Performance clause B2.3.1 c) 5 years
C3 FIRE AFFECTING AREA BEYOND THE SOURCE	C3 Fire Affecting Area Beyond the Source - C3.4 b) - does not apply to detached dwellings, within household units in multi-unit dwellings or outbuildings and ancillary buildings.
D1 ACCESS ROUTES	Performance clause D1.3.3 d)
F2 HAZARDOUS BUILDING MATERIALS	Performance clause F2.3.1

HOW THE BUILDING PRODUCT IS EXPECTED TO CONTRIBUTE TO COMPLIANCE

B2 DURABILITY - B2.3.1 c) 5 years	• Milliken modular carpet tiles have a durability of beyond 5 years, based on NZBC B2/VM1 clause 1.1 in-service history. • Durability is supported by a 20-year limited warranty.
C3 FIRE AFFECTING AREA BEYOND THE SOURCE - C3.4 b)	• Milliken modular carpet tiles have been tested to ISO 9239.1:2010 and achieve a CRF (Critical Radiant Flux) mean value ranging from 2.7kW/m^2 – 9.8 kW/m^2. Refer to the test report summary in Appendix 1.

MILLIKEN (AUSTRALIA) PTY LTD CARPET TILE PRODUCTS

D1 ACCESS ROUTES - D1.3.3 d)	• The CRF ranges between 2.7 kW/m^2 - 9.8 kW/m^2 meeting the requirements of NZBC C/AS2 Table 4.5 Critical Radiant Flux for flooring for all risk groups except in risk group SI (Care and Detention) of unsprinklered buildings such as exit ways, sleeping areas and treatment rooms when CRF is lower than 4.5kW/m2. • Milliken modular carpet tiles meet the requirements for slip resistance in accordance with NZBC D1/AS1 Table 2 Slip Resistance for Walking Surfaces; Carpet (Tufted or Loop Pile) – acceptable for dry and wet level surfaces and sloping surfaces or stairs.

**Appendix 1: Modular Carpet Tile Full Product Listing with Description and Compliances.*

F2 HAZARDOUS BUILDING MATERIALS - F2.3.1	• Milliken modular carpet tiles are manufactured from non-toxic materials and are:
	  ○ Low VOC
	  ○ ACCS/ Environmental Certification Scheme – Level 4+ Certification *
	  ○ Declare – 3rd Party Verified Red List Free

LIMITATIONS ON THE USE OF THE BUILDING PRODUCT

- Suitable for interior use only.
- Suitable for all building classes either sprinkled or unsprinkled except in risk group SI (Care and Detention) of unsprinklered buildings such as exit ways, sleeping areas and treatment rooms when CRF is lower than 4.5kW/m2.

DESIGN REQUIREMENTS THAT WOULD SUPPORT THE APPROPRIATE USE OF THE BUILDING PRODUCT

- Suitable for applications with high-traffic areas requiring with extra heavy-duty wear flooring covering.

INSTALLATION REQUIREMENTS

- Install in accordance with Milliken Recommended Installation Guidelines using water-based pressure-sensitive acrylic adhesive (Milliken Non-Reactive Standard Adhesive recommended).
- Substrate prepared in accordance with AS 2455.1 Textile floor coverings - Installation practice - General.
- Substrate to be dry, smooth, sound, clean, and free from dust and other contaminants.

MILLIKEN (AUSTRALIA) PTY LTD CARPET TILE PRODUCTS

- Concrete substrates to be porous. May be primed or a moisture barrier applied where the subfloor is excessively porous, dusty or where moisture is present.
- Concrete substrates pH 7 – 9 and Relative Humidity (RH) 75% maximum.
- Timber substrates 10-15% maximum moisture content.
- Substrate temperature 16ºC minimum.
- Acclimatise carpet tiles for 24 hours minimum prior to installation.

MAINTENANCE REQUIREMENTS

- Care and maintenance in accordance with Milliken Care & Maintenance Guide.
- Daily removal of spots and spills - quick action reduces the likelihood of a permanent stain.
- Regular vacuum cleaning.
- Periodic steam cleaning.

BUILDING ACT 2004 SECTION 26 COMPLIANCE

- Is the building product/building product line subject to a warning or ban under section 26 of the Building Act 2004? No

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