

# TECHNICAL DETAILS

# MiPlank

Luxury Vinyl Flooring

Designed exclusively for the Australian lifestyle, Polyflors' latest collection MiPlank has been carefully created by a team of local interior experts. The collection features 15 planks inspired by natural timber, each containing unique knot and grain details, giving each plank its' own unique appeal.

The following table details the technical specification for MiPlank. Should you require any further information, contact Polyflor on 1800 777 425 or email [technical@polyflor.com.au](mailto:technical@polyflor.com.au)

	Gauge	EN 428/EN ISO 24346	5mm
	Wear Layer	EN 429/EN ISO 24340	0.55mm
	Plank Size	EN 427/EN ISO 24342	10 @ 177.8 x 1219.2mm = 2.17m <sup>2</sup> 8 @ 185 x 1505mm = 2.23m <sup>2</sup>
	Total Weight	EN 430/EN ISO 23997	8000g/m <sup>2</sup>
	General Performance	EN 649 EN ISO 10582	Conforms Conforms
	Use Area	EN 685/EN ISO 10874	
	Reaction to Fire	AS ISO 9239-1	Class Bfl-S1
	Abrasion Resistance	EN 660-2 EN ISO 10582	Group T Type I
	Slip Resistance	EN 13893 DIN 51130 AS 4586	Class DS (dry condition) R10 R10
		For safety flooring with sustainable wet slip resistance, refer to Expona Control or the Polysafe ranges.	
	Residual Indentation	EN 433/EN ISO 24343-1	≤0.05mm
	Dimensional Stability	EN 434/EN ISO 23999	≤0.1% max
	Thermal Conductivity	ISO 1264-2	Suitable for underfloor heating. Max 27°C.
	Light Fastness	ISO 105-B02	(Method 3) ≥6
	Castor Chair (continuous use)	EN 425/ISO 4918	Suitable
	Electrical Behaviour (body voltage)	EN 1815	≤2kV Classified as 'antistatic'
	VOC Emissions	Indoor Air Comfort GOLD AgBB VOC test FloorScore	Eurofins certified product Very low emissions Certified product

Environmentally Preferable Flooring - MiPlank achieves a Generic BRE Global Environmental A+ Rating. Specific EN 15804 Environmental Product Declaration (EPD) available on request. MiPlank is 100% recyclable and contains average 20% recycled material. Recyclable via the Recofloor scheme. Visit [www.polyflor.com/sustainability](http://www.polyflor.com/sustainability).

PUR - Polyflor MiPlank PUR features a high quality, cross-linked polyurethane reinforcement, UV cured to provide a low cost, polish-free maintenance regime for the lifetime of the flooring.

For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult Polyflor Customer Technical Services on 1800 777 425, or email [technical@polyflor.com.au](mailto:technical@polyflor.com.au)  
The data presented is correct at the time of printing. For latest information, please visit our website [polyflor.com](http://polyflor.com).  
Decoration and shade may vary slightly from the samples shown.



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# FLOORCARE

We want your MiPlank floor to look it's best for many years to come and to help you achieve this we have laid out the following floorcare guidelines. MiPlank does not harbour dust mites or bacteria making it ideal for the home environment.

Initial cleaning after your new floor has been installed:

- Avoid walking on the floor for at least 24 hours following completion of installation.
- Sweep or vacuum to prevent loose dirt or grit from scratching the floor.
- Polishing your floor can be beneficial to help prevent slight surface scratches and to provide further protection.

Day to day cleaning:

- Sweep or vacuum the floor to remove loose dirt, grit or dust.
- Use clean mops and neutral cleaning solutions to regularly clean your floor.  
Contact Polyflor for details of approved maintenance products.
- Dilute the floor cleanser to the manufacturer's instructions.
- Mop the floor evenly.
- Collect any excess liquid in a mop bucket.
- Rinse the floor with clean water and allow to dry.

Regular cleaning is more beneficial to the floorcovering and is more cost effective than occasional heavy cleaning.

## DO:

Install barrier mats at entrances to pick up grit and moisture. (Please note, some rubber-backed mats may discolour the floor)

Ensure your furniture is fitted with protective pads where necessary to prevent scratches.

Use protective cups under heavy furniture to prevent indentation.

Remove spillages as quickly as possible to reduce risk of staining and causing slip hazards.

Always use clean equipment when maintaining your floor.

Regularly trim pets claws as these can cause fine scratches.

## DON'T:

Use abrasive liquids or metal scouring pads as these can damage the floor.

Clean the floor with solvents, caustic detergents, washing up liquids, soap powders, bleach, furniture polishes, petroleum based products, pine gels, stain removers or highly coloured products. Such products may make the floor slippery or cause permanent damage.

Drag furniture with unprotected feet across the floor.

# CUSTOMER GUARANTEE

All products purchased from the range are guaranteed for 15 years Residential / 10 years Commercial against normal wear and tear in the recommended environment provided they have been fitted correctly and maintained in accordance with the manufacturer's instructions. In order to make a claim, customers must apply in writing indicating where their flooring was purchased and provide satisfactory proof of purchase. This guarantee only applies in the event of the visible wearing out of the decorative pattern on the surface within the 15 years Residential / 10 years Commercial guarantee period from the time of purchase and providing the flooring has been subject to normal usage in the recommended environment. It does not cover general

misuse and we suggest that adequate UV protection be taken against products being installed in direct sunlight as fading may occur. It is the manufacturer's recommendation that felt or Teflon pads are used for protection under chairs and other furniture which will help to prevent scratching and marring of your floor's finish. When moving any heavy objects please place a plywood panel over your vinyl floor. In the event of the manufacturers of MiPlank accepting that a claim is valid under this guarantee, they will either repair the flooring or supply replacement flooring free of charge. In the unlikely event of the flooring no longer being in stock, flooring of equivalent quality will be provided.

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Luxury Vinyl Flooring

## PRODUCT SPECIFICATION



- The flooring shall be Polyflor MiPlank PUR, as supplied by Polyflor Ltd. of Manchester, England.
- The flooring shall be flexible PVC tileplank flooring in 5.0mm thickness.
- It shall have the following laminated construction: circa 0.55mm clear PVC wear layer, circa 0.07 mm print film layer and circa 4.38mm backing ply layers.
- The flooring shall feature a high quality, cross-linked polyurethane reinforcement to provide superior cleaning benefits, life cycle maintenance savings and optimum appearance retention.



- In accordance with EN 649/EN ISO 10582, the in-use classification must be at least 23/33/42, as defined in EN 685/EN ISO 10874: i.e. domestic areas with heavy use; commercial areas with intensive use; light industrial areas.
- In respect of flamespread, the flooring shall have been fully tested to EN 13501-1 and certified as having Class Bfl-S1, achieving the criteria EN ISO 9239-1  $\geq 8\text{kw/m}^2$  and the mandatory requirement of EN ISO 11925-2 pass. The flooring shall have been fully tested to AS ISO 9239-1 by an independent test house and classified as Class 1 rating, making it suitable for use in institutional, commercial and public buildings.
- With regard to EN 13893 for slip resistance, the flooring shall be classified DS, making it suitable for use in areas which are predominantly dry. When tested to DIN 51130 the flooring shall be classified as R10. When tested to AS 4586 the flooring shall be classified as R10. For safety flooring with sustainable wet slip resistance refer to Expona Control PUR or the Polysafe ranges.
- In respect of light fastness, the flooring shall have been fully tested to ISO 105-B02 Method 3 as having a pass to  $\geq 6$ .



- Polyflor MiPlank PUR achieves BRE Global Environmental Generic A+ rating in the Green Guide to Specification.
- The manufacturer should provide a facility to take back and recycle waste vinyl flooring material through the Recofloor scheme.
- Generic EN 15804 Environmental Product Declaration (EPD) available on request.
- Polyflor MiPlank PUR achieves a very low VOC emissions result when tested to AgBB standards, is certified by Eurofins as achieving Indoor Air Comfort Gold and is also a FloorScore certified product.



- The manufacturer of the floorcovering must be in possession of a valid quality systems certificate, showing compliance with ISO 9001.
- The manufacturer of the floorcovering must be in possession of a valid environmental certificate, showing compliance with ISO 14001.



- A moisture test must be carried out, to ensure that the subfloor has dried out to a level consistent with the application of vinyl flooring. The test should be carried out using a hygrometer, in accordance with the instructions in the current AS 1884 / BS 8023. The result should not exceed 75%RH, once equilibrium has been achieved.
- If required, double sided tape and expansion joints must be approved by Polyflor, to ensure full product compatibility.
- Products must be fully conditioned to the environment in which they are to be installed. See Polyflor installation instructions for details.
- Installation must be carried out in accordance with the current AS 1884 / BS 8203, BS 8204 and the instructions of Polyflor.
- Suitable for use with underfloor heating up to 27°C. See Polyflor installation instructions for details.
- NOTE: The subtle blending of shades and graining variation can best be obtained by the random shuffling of 3-4 packs of tiles.



- We recommend that adequate UV protection be taken against products being installed in direct sunlight as fading may occur.
- For further information and advice on specific applications, consult Polyflor Customer Technical Services on 1800 777 425, or email [technical@polyflor.com.au](mailto:technical@polyflor.com.au)



- At the date of issue the data presented is correct. However, Polyflor Ltd. reserve the right to make changes which do not adversely affect performance or quality.



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