

# Metroflor Genesis

## PRODUCT TECHNICAL STATEMENT

Version 1.0. April 2023



**Designated Building Product:** Class 1.

### Declaration

Woodland Lifestyle has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022. See **Regulations**

### Company Details

<b>Name</b>	Woodland Lifestyle
<b>Role</b>	Supplier
<b>NZBN</b>	9429046834164
<b>Address</b>	3 Wilson Rd, Upper Moutere 7175
<b>Website</b>	<a href="http://www.woodlandlifestyle.com">www.woodlandlifestyle.com</a>
<b>Email</b>	<a href="mailto:hello@woodlandlifestyle.com">hello@woodlandlifestyle.com</a>
<b>Phone</b>	(09) 308 7948

### Description of Building Product

#### Metroflor Genesis

Metroflor Genesis Flooring is a multi-layer luxury vinyl plank comprising multiple layers of vinyl, an engineered closed-cell extruded structural core, high-resolution printed decorative film, and a sound-mitigating underlay.

The planks are 220 mm x 1510 mm (w x l) and are 8.5 mm thick. The planks include a Droplock 100™ locking system for simple drop and lock installation. Around the floor perimeter, a bead of silicon ensures that the floor is waterproof whilst still allowing for expansion and contraction.

### Sustainability

HMTX, the manufacturer, considers the sustainability of their products and business practices by actively engaging in the following:

- Declare label.
- Just label.
- Member of the International Living Future Institute's Just programme since 2018.
- In 2022, HMTX undertook and published the first materiality assessment. From 2023, it will begin to publish an annual sustainability and impact report.

### Building code obligations

Code Clauses	Compliance pathway	Evidence
B1 (structure) B1.3.2 B1.3.3 (b, e, j, q)	ALTERNATIVE SOLUTION	SCS Global Services [11/12/2020] ASTM F3261-20 Standard Specification for Resilient Flooring in Modular Format with Rigid Polymeric Core, Regn # SCS-AC-06577.
B2 (durability) B2.3.1(c) B2.3.2 (b)	ALTERNATIVE SOLUTION	Characteristics covered in the specification include: dimensions including dimensional stability, residual indentation, flexibility, resistance to chemicals, resistance to heat, and resistance to light.  NZ does not have a cited standard in respect of any vinyl flooring material.
C3 (fire affecting areas beyond the fire source) C3.4(b)	ACCEPTABLE SOLUTION	AWTA [27/04/2018] ISO 9239-1:2010, Test #16-001903.  Mean critical flux 5.7 kW/m <sup>2</sup> .
D1 (access routes) D1.3.3 (d)	ACCEPTABLE SOLUTION	ISTS [05-03-2018] AS/NZS.4586:2004, Contract # 8006.  Lowest SRV 43, average SRV 48. BPN 43.

E3 (internal moisture) E3.3.3 E3.3.5 E3.3.6	ALTERNATIVE SOLUTION	E2/AS1 para 3.1.1(a) recognises that the material PVC (vinyl) is impervious.  NZWTA [23/09/2022] ISO 4760:2022, #1433800.8.  No evidence of water penetration through the joints.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	SCS Global Services [01/12/2022], Regn # SCS-FS-01967.  Total Volatile Organic Compounds $\leq$ 0.5mg/m <sup>3</sup> .

## Scope of use and limitations

Scope	Limitation
<b>Building work</b>	
In conjunction with a substrate and primary structure that complies with the NZ Building Code, or where the primary structure is the equivalent stiffness to the framing provisions of NZS 3604:2011.	<ul style="list-style-type: none"> <li>The substrate must have a moisture content of &lt;6 % at the time the floor is laid. For a concrete substrate and where the moisture content is &gt; 6 %, a layer of 6 ml polyethylene may be installed.</li> <li>Metroflor Genesis may <u>not</u> be laid over the following substrates: <ul style="list-style-type: none"> <li>Carpet underlay or carpet</li> <li>Cushioned back vinyl</li> <li>Engineered or solid hardwood over concrete</li> <li>Rubber</li> <li>Cork</li> <li>Laminates</li> <li>Free floating floors.</li> </ul> </li> <li>Substrates must not slope more than 25 mm per 1.83 m in any direction.</li> <li>Maximum deflection of the substrate must be &lt; 1/360.</li> <li>Substrates must be smooth and free of roughness with no changes in elevation. They must be 4.8 mm flat in a 3 m radius.</li> </ul>
For all building classified uses.	<ul style="list-style-type: none"> <li>For commercial and industrial uses, refer to Woodland Lifestyle.</li> <li>Metroflor Genesis is only for use in interior situations.</li> <li>Metroflor Genesis is not intended for use as a shower flooring.</li> </ul>
In connection with underfloor heating.	<ul style="list-style-type: none"> <li>The substrate surface must not exceed 29° C.</li> </ul>

## Conditions of use

The system must be installed and maintained with all of Woodland Lifestyle requirements.

## Additional information

For all design, installation and maintenance-related information, and for information supporting Woodland Lifestyle claims, refer to [www.woodlandlifestyle.com](http://www.woodlandlifestyle.com)

## Responsible person

In accordance with Regulation 8, as the responsible person, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is, therefore, to the best of my knowledge, correct.

Signed for and on behalf of Woodland Lifestyle:

Moses Hewetson

Moses Hewetson  
GENERAL MANAGER

28 February 2023