



# Certificate of Conformity

Certificate number: CM40383 Rev1

**Certification Body:**



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**Certificate Holder:**



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**THIS IS TO CERTIFY THAT**

## Godfrey Hirst Hybrid Flooring

**Type and/or use of product:**

Floor lining or covering.

**Description of product:**

Modular flooring panels constructed of stone plastic composite (SPC) with a decorative paper film and a polyurethane (PU) wearing surface. The SPC core layer is a composite of calcium carbonate and PVC. The Godfrey Hirst hybrid flooring system comes in a series of lengths & colours, See A2.

**COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) BCA 2022 (Amdt.1)**

**Performance Requirement(s):**

**Volume One**

- F2P1 Wet area overflows - Subject to *Limitation and Condition 1,2 & 3.*
- F2P2 Wet areas - Subject to *Limitation and Condition 1,2 & 3.*
- F7P1(b) Will contribute to sound transmission through floors – *Subject to Limitation and condition 7.*

**Volume Two**

- H4P1 Wet areas - Subject to *Limitation and Condition 1,2 & 3.*

**Deemed-to-Satisfy Provision(s):**

- |                      |  |      |  |
|----------------------|--|------|--|
| C2D11(1)(a)          | Fire hazard properties – <i>See Limitation and Condition 6.</i>  | H5D2 | Stairway and ramp construction – Refer <i>Limitation and Condition 9 – See A3.</i> |
| D3D11 (3)            | Contributes to compliance for Pedestrian ramps – (Slip resistance), Subject to <i>Limitation and Condition 8 - See A3</i>  |      |  |
| D3D14 (1)(e)(i),(ii) | Contributes to compliance for Goings and risers – (Slip Resistance), Subject to <i>Limitation and Condition 8 - See A3</i> |      |  |
| D3D15 (a)(ii)(A),(B) | Contributes to compliance for Landings – (Slip Resistance), Subject to <i>Limitation and Condition 8 - See A3</i>          |      |  |

**State or territory variation(s):**

Not Applicable Not Applicable

**SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B**

**Limitations and conditions:**

1. The Metropool Hybrid Flooring is only suitable for installation in Category 3 wet areas as defined in AS3740:2021 as
  - a) bathroom areas outside enclosed shower areas;

**Building classification/s:**

Class 1,2,3,4,5,6,7,8,9 & 10

Glen Gugliotti – CMI

Don Grehan – Unrestricted Building Certifier

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**Date of expiry:** 24/04/2027



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- b) bathrooms without a shower area;
  - c) water closets or powder rooms; and
  - d) laundry rooms without a shower.
2. Compliance with F2P1, F2P2 and H4P1 is limited to the requirement for water resistant building elements to be used in wet areas. Where the Metropol Hybrid Flooring is proposed to be used in wet areas, the wet area waterproofing must be provided in accordance with deemed-to-satisfy provisions of the BCA Vol.1 and Vol. 2 and/or AS 3740:2021 as applicable. No assessment has been undertaken for the wet area waterproofing and is outside the scope of this certificate of Conformity. Compliance is limited to the Metropol Hybrid Flooring as a water-resistant building element.
  3. Metropol Hybrid Flooring cannot be installed in wet areas where a floor waste is provided.
  4. Installation of Metropol Hybrid Flooring must be in strict accordance with the [Godfrey Hirst Hybrid Floors Installation Instructions Dated June 2023](#)
  5. The Metropol Hybrid Flooring range of products must be installed onto properly prepared and flat substrates. The maximum variation of the substrate allowed is 2mm over 1000mm.
  6. Compliance with C2D11(1)(a) does not allow for any portion of the floor covering to be continued more than 150 mm up a wall.
  7. Metropol Hybrid Flooring complies with F7P1(b) as the tested specimens, detailed in A3, achieves a weighted standardised impact sound pressure level ( $L_{nT,w}$ ) not more than 62 for impact generated sound in accordance with F7P1(b). Refer A3 for tested specimens and slab component details for compliance with F7P1(b). No assessment has been undertaken for F7P1(a) and a site-specific performance solution is required to the satisfaction of the appropriate authority.
  8. Compliance is limited to applications in *Dry surface conditions* as defined by Table D3D15 Slip-resistance classification of the BCA 2022 Volume 1 and Table 11.2.4 Slip-resistance classification of the ABCB Housing Provisions. Applications in *Wet surface conditions* are not applicable to the certified products application and are outside the scope of this certification. Applications **not** covered by this *Certificate of Conformity* include exposed to weather such as an external ramp, and a surface that may, on occasions not including accidental spills, become wet such as a surface in a transitional space like an entrance airlock or entrance lobby are not supported. Other potentially wet affected areas such as bathrooms are not included in the NCC provisions. Compliance is limited to internal applications as per the intended use of the product.
  9. Compliance with H5D2 is satisfied where Part 11.2 of the ABCB Housing Provisions requires slip-resistance treatment to stair treads, ramp surfaces and landing surfaces to comply with Table 11.2.4 when tested in accordance with AS 4586. Refer A3 Slip Resistance Values and applications in *Dry Surface Conditions*.
  10. This certificate is limited to the details within this certificate including the above compliance elements, product description, purpose or use.
  11. Other than the items and information listed, the remainder of the information contained in the product's literature is outside the scope of this certification.

**Scope of certification:** The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website [www.abcb.gov.au](http://www.abcb.gov.au). This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the Certificate Holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

**Disclaimer:** The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.



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When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CMI Certification Pty Ltd (CMI) has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

As per page 1

### A2 Description of product

The Metropol Modular panels constructed of SPC with a decorative paper film and a PU wearing surface. The core layer (SPC) is a composite of calcium carbonate and PVC. The panels are profiled with a patented Unilic locking system 'Uniclic®'. The Metropol system comes in either 1200 or 1500 or 1830 lengths in a series of colours.

### A3 Product specification

Product Name / Code	GH HYBM1500X228	GH HYB M1200X182	GH HYB M1830X182
Link Name	Metropol 1500	Metropol 1200 & Abode Elevate	Metropol Oak, Ashbury Oak & Terra Oak
Type:	Hybrid Flooring		
Dimensions:	1500mm x 228mm	1200mm x 182mm	1830mm x 182mm
Thickness:	6.5mm	6mm	6.5mm
Wear Layer:	0.5mm	0.3mm	0.5mm
Units Per Box:	6 boards	10 boards	4 boards
m <sup>2</sup> per box:	2.052	2.184	1.332
m <sup>2</sup> per pallet:	123.12	131.04	113.24
Colours:	12		
Finish:	Matte		
Surface:	Embossed		
Top Layer:	Decorative Film & Wear Layer		
Substrate Layer:	Trigon® Core Technology (Limestone Composite)		
Backing Layer:	1.5mm Acoustic Backing		
Profile:	Micro Bevel		
Coating System:	PUR		
Installation Method:	Uniclic®		
Technical Data Sheet	<a href="#">Metropol 1500</a>	<a href="#">Metropol 1200 &amp; Abode Elevate</a>	<a href="#">Metropol Oak, Ashbury Oak &amp; Terra Oak</a>

### Fire Hazard Properties

Flammability testing has been undertaken against AS/ISO 9239 with the following results:

Critical radiant flux (CRF) Value	11.1kW/m <sup>2</sup>
Smoke Value	210%.min

The above values comply with **Table S7C3 of Specification 7**.

Source: Australia Wool Testing Authority, NATA Accreditation No.1356, Report No. 20-000214, dated 30/04/2020 & Building Code of Australia 2022 – Volume 1.

## Acoustic Properties

### Metropol 1200 & Abode Elevate

**Base Floor Construction:** 270 mm thick concrete slab

**Test Sample Construction:** 270 mm thick concrete slab + 6 mm hybrid plank with 0.3 mm foam wear layer (6.3mm Hybrid Flooring)

Standardised Impact Sound Pressure Level L'nT (dB)		$\Delta L$ (dB)	Normalised Impact Sound Pressure Level L <sub>n</sub> (dB)
Base floor	Test sample	Test sample	Test sample
<b>L'nT,w = 73 dB</b>	<b>L'nT,w = 46 dB</b>	<b><math>\Delta L</math>'nT,w = 27dB</b>	<b>AIIC = 60dB</b>

Based on the  $\Delta L$  values shown in the above table, the improvement of the tested sample when compared to the AS ISO 717.2:2004 reference floor (L<sub>w</sub> 78) is  $\Delta L_w = 19$  dB, as per the methodology outlined in Section 5.3.

*Source: Day Design Pty Ltd, Impact Sound Insulation Test, Report Number 7718-1.R, Godfrey Hirst Hybrid 6.0/0.3mm Flooring System, dated 9/03/2023*

### Metropol 1500

**Base Floor Construction:** 270 mm thick concrete slab, 35 mm furring channel, No insulation within cavity and 10 mm standard plasterboard

**Test Sample Construction:** 270 mm thick concrete slab, 35 mm furring channel, No insulation within cavity, 10 mm standard plasterboard and 6.5 mm hybrid plank

Standardised Impact Sound Pressure Level L'nT (dB)		$\Delta L$ (dB)	Normalised Impact Sound Pressure Level (dB)
Base floor	Test sample	Test sample	Test sample
<b>L'nT,w = 65 dB</b>	<b>L'nT,w = 49 dB</b>	<b><math>\Delta L_w = 16dB</math></b>	<b>AIIC = 55dB</b>

*Source: Day Design Pty Ltd, Acoustic Test and Opinion, Report Number 6968-2.20R, Hybrid 6.5mm HYBRID Construction (DS) Flooring System, dated 13/10/2020*

### Metropol Oak, Ashbury Oak & Terra Oak

**Base Floor Construction:** 270mm Slab + 28mm Furring's + 10mm Plaster

**Test Sample Construction:** 270mm Slab + 28mm Furring's + 10mm Plaster + 6 mm hybrid plank with 0.5 mm foam wear layer (6.5mm Hybrid Flooring)

Standardised Impact Sound Pressure Level L'nT (dB)		$\Delta L$ (dB)	Normalised Impact Sound Pressure Level L <sub>n</sub> (dB)
Base floor	Test sample	Test sample	Test sample
<b>L'nT,w = 73 dB</b>	<b>L'nT,w = 50 dB</b>	<b><math>\Delta L</math>'nT,w = 23dB</b>	<b>AIIC = 53dB</b>

Based on the  $\Delta L$  values shown in the above table, the improvement of the tested sample when compared to the AS ISO 717.2:2004 reference floor (L<sub>w</sub> 78) is  $\Delta L_w = 16$  dB, as per the methodology outlined in Section 5.3.

*Source: Day Design Pty Ltd, Impact Sound Insulation Test, Report Number 7833-1.2R, Godfrey Hirst Hybrid Construction (DS) Flooring System, dated 9/03/2023*

## Notes:

**L'nT,w** – Is the weighted, standardised impact sound pressure level of a floor/ceiling assembly. The lower the L'nT,w, the better the acoustic performance.

**AIIC** – Impact Insulation Class (IIC) rating derived from ASTM E1007-14 and ASTM E989-06. The process in measuring and determining the IIC is very similar to the L'nT,w, however the interpretation of the value is different. Where the L'nT,w improves as the number decreases, the IIC rating improves as the number increases. The prefix "A" in AIIC is representative of the Apparent Impact Insulation Class.



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## Slip Resistance Values

**Metropol 1200 /  
Abode Elevate**

**Slip Resistance Value (SRV): 38**

**Classification: P3**

Compliance is met when a slip-resistance classification not less than that listed in Table D3D15 [Volume 1] or Table 11.2.4 [H.P.] when tested in accordance with AS 4586.

Volume 1 Application Table D3D15	Dry surface conditions	Complies	Volume 2 Application Table 11.2.4	Dry surface conditions	Complies
Ramp steeper than 1:14	P4 or R11	No	Ramp not steeper than 1:8	P4 or R10	No
Ramp steeper than 1:20 but not steeper than 1:14	P3 or R10	Yes	Tread surface	P3 or R10	Yes
Tread or landing surface	P3 or R11	Yes	Nosing or landing edge strip	P3	Yes
Nosing or landing edge strip	P3	Yes			

*Source: ATTAR Pty Ltd, Wet Pendulum Slip Resistance Test, Report no. 18164-4, dated 9/03/2023*

**Metropol 1500**

**Slip Resistance Value (SRV): 34/35/30**

**Classification: P3**

Compliance is met when a slip-resistance classification not less than that listed in Table D3D15 [Volume 1] or Table 11.2.4 [H.P.] when tested in accordance with AS 4586.

Volume 1 Application Table D3D15	Dry surface conditions	Complies	Volume 2 Application Table 11.2.4	Dry surface conditions	Complies
Ramp steeper than 1:14	P4 or R11	No	Ramp not steeper than 1:8	P4 or R10	No
Ramp steeper than 1:20 but not steeper than 1:14	P3 or R10	Yes	Tread surface	P3 or R10	Yes
Tread or landing surface	P3 or R11	Yes	Nosing or landing edge strip	P3	Yes
Nosing or landing edge strip	P3	Yes			

*Source: Intertek Testing Services Shenzhen Ltd, Wet Pendulum Slip Resistance Test, Report no. 190919011SHF-006, dated 15/10/2019*

**Metropol Oak,  
Ashbury Oak &  
Terra Oak**

**Slip Resistance Value (SRV): 45**

**Classification: P4**

Compliance is met when a slip-resistance classification not less than that listed in Table D3D15 [Volume 1] or Table 11.2.4 [H.P.] when tested in accordance with AS 4586.

Volume 1 Application Table D3D15	Dry surface conditions	Complies	Volume 2 Application Table 11.2.4	Dry surface conditions	Complies
Ramp steeper than 1:14	P4 or R11	Yes	Ramp not steeper than 1:8	P4 or R10	Yes
Ramp steeper than 1:20 but not steeper than 1:14	P3 or R10	Yes	Tread surface	P3 or R10	Yes
Tread or landing surface	P3 or R11	Yes	Nosing or landing edge strip	P3	Yes
Nosing or landing edge strip	P3	Yes			

*Source: ATTAR Pty Ltd, Wet Pendulum Slip Resistance Test, Report no. 18573-1, dated 9/09/2022*

Compliance is limited to applications in *Dry surface conditions* as defined by *Table D3D15 Slip-resistance classification* of the BCA 2022 Volume 1 and *Table 11.2.4 Slip-resistance classification* of the ABCB Housing Provisions. Applications in *Wet surface conditions* are not applicable to the certified products application and are outside the scope of this certification. Applications **not** covered by *this Certificate of Conformity* include; exposed to weather such as an external ramps, and a surface that may, on occasions not including accidental spills, become wet such as a surface in a transitional space like an entrance airlock or entrance lobby are not supported. Other potentially wet affected areas such as bathrooms are **not** included in the NCC provisions.



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## A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact the Certificate Holder for details.

## A5 Installation requirements

The Installation must be in strict accordance with the [Godfrey Hirst Hybrid Floors Installation Instructions Dated June 2023](#).

## A6 Other relevant technical data

No other relevant technical data.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

1. Wet area provisions, A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.
2. Fire Hazard Properties, A5G3(1)(d). Reports from Accredited Testing Laboratories.
3. Acoustic Properties, A5G3(1)(d). Reports from Accredited Testing Laboratories.

### B2 Reports

1. Australian Tiling and Waterproofing Consultants Pty Ltd, Report “Assessment of GH Metropol range of hybrid flooring products (29 January 2024)”; Dated 29/01/2024. This report outlines the compliance of the Metropol Hybrid Flooring as water resistant building element as required by F2P1, F2P2 & H4P1.
2. New Zealand Wool Testing Authority, IANZ Accreditation No.1054, Report No. 1448497.6, Metropol 1500; Dated 25/01/2023. Reference testing for compliance with F2P1, F2P2 & H4P1.
3. New Zealand Wool Testing Authority, IANZ Accreditation No.1054, Report No. 1448497.7, Metropol 1200; Dated 25/01/2023. Reference testing for compliance with F2P1, F2P2 & H4P1.
4. Australia Wool Testing Authority, NATA Accreditation No.1356, Report No. 20-000214, AS/ISO 9239.1-2003 Reaction to Fire Tests for Floorings; Dated 30/04/2020. Determination of the Burning Behaviour using a Radiant Heat Source in compliance with C2D11(1)(a).
5. Day Design Pty Ltd, Impact Sound Insulation Test, Report Number 7718-1.R, Godfrey Hirst Hybrid 6.0/0.3mm Flooring System; Dated 9/03/2023. This report shows how the flooring system contributes towards compliance with F7P1.
6. Day Design Pty Ltd, Acoustic Test and Opinion, Report Number 6968-2.20R, Hybrid 6.5mm HYBRID Construction (DS) Flooring System; Dated 13/10/2020. This report shows how the flooring system contributes towards compliance with F7P1.
7. Day Design Pty Ltd, Impact Sound Insulation Test, Report Number 7833-1.2R, Godfrey Hirst Hybrid Construction (DS) Flooring System; Dated 9/03/2023. This report shows how the flooring system contributes towards compliance with F7P1.

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.