

Certificate no: CMNZ70088

Version: 1

Original issue date: 16 February 2021

Version date: 12 October 2023

1. Certificate Holder Details



Gorter Hatches Pty Ltd
Gorter Hatches New Zealand

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2. Product Certification Body

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Complaints: The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

Sam Guindi – Bureau Veritas Product Certification Manager



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3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use. Continuation of description can be found in item 10 – Supporting Information about Description. [Delete if not applicable]. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

Gorter Roof Hatches, Floor Doors, Stairs and Plenums are prefabricated units for installation in floors or concrete, timber or steel roofs of pitch up to 30 degrees, providing access to trafficable roof areas and sub ground spaces.

4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use. [Delete if not applicable]

Roof hatches, floor doors, scissor stairs and plenums, provide access to trafficable building roofs and floors.

5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

B1 Structure: B1.3.1, B 1.3.2, B1.3.3 (a, b, h, j) , B1.3.4

B2 Durability: B2.3.1 (b)

C3 Fire affecting areas beyond the fire source: C3.6 (contributes to)

D1 Access routes: D1.3.1 (c), D1.3.3

E2 External moisture: E2.3.1 (contributes to), E2.3.2 (contributes to), E2.3.7

F2 Hazardous building materials: F2.3.1, F2.3.3

H1 Energy efficiency: H1.3.1 (contributes to), H1.3.2E (contributes to)



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6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. Gorter roof hatches are certified for use in buildings:
 - a. located in wind zones (as defined in NZS3604:2011) up to and including EXTRA HIGH, and
 - b. located in snow zones (as defined in NZS3604:2011) up to 2 kPa snow loading, or by specific assessment of snow loading up to 3.5 kPa.
2. Gorter fire rated roof hatches (Model RHTEI) are certified for use in roofs where a fire resistance of up to -/120/120 is required.
3. Gorter floor doors are certified for use in buildings with a UDL floor load of up to 2kPa or a 1.8 kN concentrated load.
4. Gorter Stairs and Plenums are certified for use to access lofts and attics in housing, and for maintenance access in other buildings.
5. Certification excludes:
 - a. specification of the means of fixing roof hatches, floor doors and stairs to the roof and ceiling structure, or the floor structure, which shall be designed by a Chartered Professional Engineer (Structural).
 - b. specification of the openings made to accommodate this product, which shall be assessed by a Chartered Professional Engineer (Structural) on a case by case basis.
 - c. additional barriers to meet the requirements of F4 Safety from Falling when a roof hatch or floor door is open.
6. Gorter roof hatches, floor doors and stairs shall be installed in accordance with:
 - a. Gorter User Information Roof Hatches, RHT/RHTG/RHTX/RHTEP, Ref: 202006V50 (dated 2020)
 - b. Gorter User Information Scissor Stairs, Small – Large – EL-60 – XL, Ref: 201910V33B (dated 2019)
 - c. Gorter User Information Hinged Floor Doors, WA, WAG, WAPT, WAEI and OP, Ref: 201910V16C (dated 2019)

7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.



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8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure - By testing and comparison with Verification Method B1/VM1

B2 Durability - By analysis and comparison with Verification Method B2/VM1

C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solution C/AS2

D1 Access routes - By analysis and comparison with Acceptable Solution D1/AS1 and referenced standard EN 14975

E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1

F2 Hazardous building materials – By comparison with the performance requirements of the Building Code clause F2.3.1, and by comparison with the requirements of Acceptable Solution F2/AS1

H1 Energy efficiency - By testing and comparison with Verification Method H1/VM1

9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. EMI Non Profit Society For Quality Control And Building Innovation With Limited Liability, Test protocol via the test loading of the thermally insulated roof hatch, Report Number: M1-É162K-00502-2012, 30 July 2012
2. Atelier JV Project No. P23121, Certificate of Design Compliance – Structure, 14 July 2023
3. SKG, Test Report, Ball drop test on an aluminium roof hatch in accordance with CUAP 04.05 / 17 and EN 356, Report No: 13.00730, 3 July 2014
4. SKG-IKOB, Determination of: Resistance to impact load according to NEN-EN 1991-1-1 + C1 / NB, Resistance to impact load according to EN 1873:2014 + A1: 2016, section 6.5.2.3, of a metal roof hatch with the dimensions: 1721 x 1243 mm made from the system: Gorter manufactured from the profile system: RHTG-1000-1500, Project No: 712264, 29 January 2019
5. Gorter Group BV, Declaration of Performance (DoP) for Roof hatch type RHTG, 06 January 2020
6. Gorter Group BV, Declaration of Performance (DoP) for Roof hatch type RHT, 06 January 2020
7. OROShazaGlas, Declaration of Performance (DoP) for Laminated safety glass, 27 June 2023
8. SKG-IKOB – Determination of: Air permeability according to EN 1026:2016, Water tightness according to EN 12155:2000, Strength under wind load according to EN 12211:2016 of a metal, outward opening roof hatch with the dimensions W x H: 1721 x 1243 mm, of the type: RHTG-1000-1500, Report No: 18.01083, 28 January 2019
9. Efectis, Declaration of Test Results, Certificate No: 2015-Efectis-R001575-D, 21 December 2015
10. Efectis, Comparison of test methods EN 1634-1:2014 and BS 476:Part 22(1987), applied to Gorter Roof Hatch RHTEI, Ref 2016-Efectis-R000823/BGG/TNL, 14 July 2016



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11. Efectis, Determination of the fire resistance according to EN 1634-1:2014 of a Gorter Floor Hatch WAEI, Report no. 2017-Efectis-R000030, March 2017
12. TUV, Certificate of Conformity, No. CLS1B 17 02 97595 001, 07 February 2017
13. TUV, Report No 3516 7553 (dated 1 April 2016) Roof Access Hatch with Ladders or (Scissor) Stairs, Tested in accordance with EN 14975:2010-12, EN 131-1:2011-09, EN 131-2:2012-08, EN 131-3:2018-08
14. Eurosolid Kft, Numerical analysis of the thermal behaviour of Gorter RHT-0700-0900 roof hatch, Using EN ISO 10077:2017: Thermal performance of windows, doors and shutters - Calculation of thermal transmittance, 19 January 2018
15. Eurosolid Kft, Numerical analysis of the thermal behaviour of Gorter RHTG-1000-1500 roof hatch, Using EN ISO 10077:2017: Thermal performance of windows, doors and shutters - Calculation of thermal transmittance, 31 October 2018

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

Model names are listed below:

RHT Aluminium Roof Hatches: RHT7090, RHT9090, RHT7014, RHT1035, RHT1010, RHT1015, RHT1020, RHT9024

RHTG Glazed Roof Hatches: RHTG1015, RHTG9024, RHTG9030

RHTEI Fire Rated Roof Hatches: RHTEI7090, RHTEI9090, RHTEI7014, RHTEI1015, RHTEI1020, RHTEI1010, RHTEI9024

WAG Glazed Floor Door: WAG1010, WAG1020

Scissor Stairs: Type Small (700x900), Type Large (700x1200), Type EI60 (fire rated), Type XL (1000x1300)

Plenum: Plenum 2, Plenum 2XL, Plenum 3, Plenum 3XL, Plenum 4, Plenum 4XL

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

Further details regarding the use of the product can be found in the following brochures and datasheets:

- Gorter Brochure – Access through roof, Wall, Floor and Ceiling, Version 201910V115H (dated 2019)
- Gorter Brochure – Roof Hatch RHT, version 201910V11C (dated 2019)
- Technical Data sheet – Roof Hatches RHT/RHTEI/RHTX, version 201901V13B (dated 2019)
- Technical Data sheet – Roof Hatches RHTG/RHTE, version 201707V1F (dated 2017)
- Technical Data sheet – Scissor Stair, version 201904V2E (dated 2019)
- Glass floor door WAG Specifications: <https://www.gortergroup.com/au/products/floor-doors/wag/standard/#specifications>
- Gorter User information hinged floor doors (dated 2022)



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12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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