

CERTIFICATE OF CONFORMITY

This product Certificate is issued under Section 269 of the Building Act 2004 for:

Nichiha EX Series Wall Cladding System



Page 1 of 2



Product Description

- The Nichiha EX Series wall cladding system comprises a range of pre-finished, cement-bonded, fibrous wood particle panels and proprietary installation componentry as follows:
 - back flashings, finished with a continuous sealant,
 - pre-formed external corner,
 - corner trim,
 - backing strip,
 - panel clips,
 - ventilated vermin proof starter strip,
 - eave trim,
 - spacers.
- The panels dimensions are 3030 mm by 455 mm wide with a nominal thickness of 16 mm. Panels are pre-finished using a durable multi-layer paint process and a Nichiguard stain resistant coating.
- Panels are tongue and groove profiled along the longest edges and fit together to form a waterproof joint. Vertical joints at the ends of the panels are aligned for each panel course and are finished with sealant.
- The panels are secured with the panel clip, which is installed over a wall underlay or rigid air barrier. The system is installed over either timber or steel frames.

Product purpose and use

The Nichiha EX Series wall cladding system has been assessed for use as an external wall cladding system on buildings within the following scope:

- the scope limitations of the New Zealand Building Code (NZBC) Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and floor plan area; and,
- constructed with
 - timber frame in accordance with NZS 3604:2011; or,
 - Steel frame in accordance with NZS3404:2009 Part 1 and NASH Standard - Residential and Low-Rise Steel Framing Part 1: Design Criteria:2005; and,
- situated in Wind Zones up to and including Extra High, as defined in NZS3604:2011; and,
- with aluminum window and door joinery that meets the requirements of NZS 4211:2008 and is installed with vertical jambs and horizontal heads and sills; and,
- in exposure Zones B and C as defined in NZS3604:2011. Exposure Zone D and Microclimatic Conditions (refer NZS3604:2011 paragraph 4.2.4) is outside the scope of this certificate; and,
- within 1m of the relevant boundary (subject to other fire related code compliance requirements).

The use of the Nichiha EX Series wall cladding system with panel installation other than vertical or horizontal or on non-vertical surfaces (e.g. parapet capping) is outside the scope of this certificate.

The Nichiha EX Series wall cladding system is not designed to have tiles or other materials applied to the face of panels.

Certificate holder

Nichiha Corporation
2-18-19 Nishiki, Nakaku, Nagoya 460-8610, Japan
Tel: +81 52 2205111, www.nichiha.co.jp

CodeMark Certification Body		9/12/2013	03/11/2016	9/12/2019	GM-CM30047-RevE
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia Tel: +61 (0)2 9886 0222, www.Global-Mark.com.au	Herve Michoux Managing Director	Date of issue	Last update	Date of next re-certification	Certificate Number

The purpose of construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In issuing this certificate, Global-Mark has relied on the independent expert and/or laboratory advise or reports. This certificate is issued by Global-Mark Pty Limited, an independent certification body accredited by the product certification accreditation body (JAS-ANZ) appointed by the Chief Executive of the Ministry of Business Innovation and Employment under the Building Act 2004. The Ministry of Business Innovation and Employment does not in any way warrant, guarantee, or represent that the building method or product the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry of Business Innovation and Employment disclaims, 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 building method(s) or product(s) referred to in this certificate. This Certificate may only be reproduced in its entirety.

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New Zealand Building Code (NZBC) references the Building Code in force at the time of issuing the product certificate.

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Page 2 of 2



Compliance with the New Zealand Building Code (NZBC):

The Nichiha EX Series wall cladding system if designed, used, installed and maintained in accordance with the scope of this Certificate and either the NZBD Designer Series Technical Manual FCNZ502 Horizontal Installation Method (October 2016) or NZBD Designer Series Technical Manual FCNZ520 Vertical Installation Method (October 2016) as applicable for the direction of installation (collectively referenced as NZBD Technical Manual) will meet the following provisions of the NZBC:

- Clause B1 STRUCTURE:** Performance B1.3.1, B1.3.2, and B1.3.4 (b), (c), (d) and (e) for the relevant physical conditions of B1.3.3 (a), (f), (h), (j) and (q). The Nichiha EX Series wall cladding system meets these requirements.
- Clause B2 DURABILITY:** Performance B2.3.1 (b) 15 years. The Nichiha EX Series wall cladding system meets this requirement.
- Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE:** C3.7 (c). The Nichiha EX Series wall cladding system meets this requirement.
- Clause E2 EXTERNAL MOISTURE:** Performance E2.3.2. The Nichiha EX Series wall cladding system meets this requirement.
- Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1. The Nichiha EX Series wall cladding system meets this requirement.

Subject to the following conditions and limitations:

- The Nichiha EX Series wall cladding system must be installed and maintained in accordance with the NZBD Technical Manual.
- Nichiha Corporation will notify Global-Mark Pty Ltd in accordance with Regulation 15 of the Building (Product Certification) Regulations 2008.

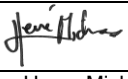
Design Conditions:

- Product specification and incorporation of the Nichiha EX Series wall cladding system into a building design shall be carried out by a Designer / Architect / Engineer who:
 - is a Licensed Building Practitioner (LBP) qualified to design the buildings covered under the scope of use of this product; and,
 - has ready access to the relevant technical specifications, NZBC, Standards, details and other information related to the cladding method, including the NZBD Technical Manual..
- Where Designer Series is used on an existing building the designer must be satisfied that the building work will meet the NZBC and the conditions of this certificates

Product Installation Conditions:

- Installation shall be carried out by tradespersons with experience in weatherboard external wall cladding installation and who either are or are being supervised by a Licensed Building Practitioner (LBP) holding a Carpentry class license.
- Installation shall be undertaken in accordance with all relevant technical information including the NZBD Technical Manual.

End of document

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