

Building

Regulations Advisory Committee

Certificate of Accreditation

Name of product:	Exsulite Thermal Façade Cladding, Non-Cavity System
Product description:	Expanded polystyrene non-load bearing external wall system certified in the following configurations: <ul style="list-style-type: none">• Exsulite Thermal Cladding Non-Cavity System• Exsulite Composite Thermal Façade Cladding Non-Cavity System
Description of the purpose and use of the building product:	Suitable for use as an External Wall Cladding System for use on exterior walls in residential Class 1 and 10 buildings.
Regulation/s in relation to which the building product is accredited:	<p>The Building Regulations Advisory Committee appointed under Division 4 of Part 12 of the Building Act 1993 has examined the application and accredited the product as complying with;</p> <p>Performance requirements relevant to the building product, as determined in accordance with clause A0.7 of the Building Code of Australia (BCA) and Volume Two are P2.1.1, P2.2.2, P2.2.3, P2.6.1, P2.7.5.</p> <p>The compliance solutions relevant to the performance requirements identified are:</p> <ol style="list-style-type: none">1. Performance solution – V2.2.12. Deemed to satisfy provision – 3.01, 3.02 and 3.03 Part 3.5.4, 3.10.50 and 3.12.1.4 <p>BCA Class 1 and Class 10 buildings, as adopted by the Building Regulations, as those clauses apply within the State of Victoria for use on exterior walls for use in certain residential and non-habitable buildings and structures subject to the following conditions:</p>
Conditions to which the accreditation is subject:	<ol style="list-style-type: none">1. Construction shall be in strict accordance with the Exsulite Thermal Façade Cladding Non-Cavity System Specification & installation Manual Australia – 01 May 2020 and Exsulite Thermal Façade Cladding Non-Cavity System Construction Drawings Manual Australia 01 May 2020.2. The building must satisfy the parameters of Table V2.2.1a of verification method V2.2.1 weatherproofing and must achieve a risk score of not more than 20, not be subject to an ultimate limit state wind pressure of greater than 2.5kPa and windows complying with AS 2047.3. For buildings with designs of more than an Ultimate Limit State Wind Pressure or more than $\pm 2.5\text{kPa}$ but not more than $\pm 5.5\text{kPa}$, must satisfy the parameters of Table V2.2.1a of verification method V2.2.1 weatherproofing and the design serviceability limit wind pressure is not to exceed $+0.82\text{kPa}$ and minus 1.23kPa, calculated in accordance with AS/NZ 1170.2 Structural Design Actions Part 2: Wind Actions. Note: This is

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deemed to include AS 4055 Wind Classifications N1, N2, N3 and N4 only. The design serviceability limit wind pressure must be verified by an endorsed building engineer.

4. Exsulite Thermal Façade Cladding Non-Cavity Systems are not suitable for use in Cyclonic Regions.
5. In all installations, the minimum clearance between the underside of panel and the adjoining finished ground surface level below must comply with the specifications in Part 3.5.4.7 of Volume 2 of the National Construction Code (NCC).
6. In all cases, it is a requirement that the Exsulite Thermal Façade Cladding Non-Cavity System incorporates either:
 - a. A timber frame constructed in accordance with AS 1684-2010 series,
 - b. A cold-formed steel frame constructed in accordance with AS 3623-1993 (R2018),
 - c. NASH Standard for Residential and Low-rise Steel Framing, Part 1: Design Criteria
 - d. A supporting structure compliant with other standards as applicable
7. It is a requirement that system installation is performed by an appropriately licensed trades person to install cladding.
8. Not suitable for use where a Fire-Resistance Level (FRL) is required for a wall and/or boundary wall
9. Suitable for Residential External Walls to NCC Volume Two, Class 1 and 10 buildings only with wind loads to either AS/NZS 1170.2:2011 or AS 4055-2012 “Wind loads for housing” for Wind Classifications N2, N3, N4, within the AS 4055-2012 limitations less than 8.5m in height, less than 16m in width and where the length does not exceed five times the width and roof pitch does not exceed 35 degrees, fixed to either steel or timber frames.
10. Adjacent finished grade must slope away from the building in accordance with local building codes, typically a minimum slope of 50mm over the first metre.
11. Do not install external cladding in areas where it may remain in contact with standing water or debris. Do not backfill.
12. Check to ensure that the correct damp proof course has been installed to slab edge and termite treatment has been completed. Where no damp proof course has been installed by others, then the damp proof course must be installed by the Exsulite Installer prior to the wall wrap being installed.
13. This certificate is limited to the details within this certificate, including the above compliance elements, product description, purpose or use.
14. Other than the BCA provisions and State or Territory variation(s) listed, the remainder of the information contained in the product’s literature is outside the scope of this certification.

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15. Compliance with all other requirements applicable to the construction of the external wall including condensation management and building sealing.
16. This accreditation is based on the referred standards currently incorporated in the NCC.

Note. The Building Regulation Advisory Committee strongly recommends that the building surveyor should oversee the transfer of detailed maintenance instructions from the builder to the owner and/or occupier.

The name, address and Australian business number of the holder of the accreditation:
Dulux Acra-Tex
1 Jeans Street
BEVERLEY, SA 5009
ABN: 67 000 049 427

Certificate number: V22/04-01

Date of issue: 06/05/2022

Refer to the Historical Details page of this Certificate.
This Certificate is only valid when reproduced in its entirety.

Date of expiry of accreditation: 06/05/2025

Signature:



**Commissioner Yvonne von Hartel AM
Chair, Building Regulations Advisory Committee**

Practitioner guidance on how to use a Certificate of accreditation

Practitioners are reminded to consider any limitations noted in this Certificate and whether the performance of the product has been tested for all aspects of the performance that it is expected to achieve in the application it is being applied to.

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Historical Details

Certificate number:	Description:	From:	To:
V22/04-01	Accreditation granted	06 May 2022	06 May 2025