



Certificate of Conformity

This is to certify compliance of Nu-Core® FR and A2 Aluminium Panels



Conditions and Limitations

- This certificate is limited to the details within this certificate, including the compliance elements, product description and purpose or use. This certification is to be read, considered used as a whole document and reproduced in its entirety.
- The primary building element that the decorative panel is attached to must meet any requirements applicable to the building type in relation to structural, insulation, acoustics or fire resistance. The Nu-Core A2 and FR cladding system is permitted to be used on buildings of Type A, B or C construction, being fitted with or without an automatic fire sprinkler system and at any distance from a fire source feature
- The products capacity to prevent ignition and continue to screen it from access to free air for a period of not less than 10 minutes as well as the products capacity to not otherwise constitute an undue risk of fire spread via the façade of the building is outside the scope of this certificate and must be addressed by an appropriately qualified fire engineer.
- Within Victoria, an alternative solution will be required when used as a lightweight panel or curtain wall where no FRL is required.
- When used near or above a required exit within the State of Victoria, a design audit or fire engineering evaluation is required by a suitably qualified engineer.

Product Purpose, Use and Application

- The Nu-core panels are certified for use as a decorative attachment system on the primary building element of a wall.
- The Nu-core panels are permitted as follows: an internal wall or ceiling lining; or external attachment to walls that do or do not require a Fire Resistance Level subject to the conditions and limitations of this certificate.
- The Nu-core panels do not provide full structural support, weatherproofing, insulation, fire resistance or acoustic protection to the building or the primary building element. These requirements will need to be addressed by other products.
- The products capacity to prevent ignition and continue to screen it from access to free air for a period of not less than 10 minutes as well as the products capacity to not otherwise constitute an undue risk of fire spread via the façade of the building is to be evaluated on a case by case basis independent of this certificate by a suitably qualified engineer.
- The products are certified for use as a wall or ceiling lining or attachment, not as part of the primary building element being the wall.
- The product is permitted to be used on buildings of Type A, B or C construction, being fitted with or without an automatic fire sprinkler system and at any distance from a fire source feature. Provided the attached wall does not require a fire resistance level and the products capacity to prevent ignition and continue to screen it from access to free air for a period of not less than 10 minutes. As well as the products capacity to not otherwise constitute an undue risk of fire spread via the façade of the building has been evaluated, as part of the proposed installation through an alternative solution, by a suitably qualified national fire safety engineer.
- The Nu-Core A2 and FR cladding system is to be mechanically fixed (screw, rivet or structurally adhered full perimeter) to the buildings sub-structure or curtain wall module in accordance with the Nu-core cassette and Nu-core Fabrication Manual FAB2016.
- The Nu-Core A2 and FR cladding system is to be installed in accordance with the Nu-core installation Catalogue INS2016

Complies with the National Construction Code – Building Code of Australia 2015 Volume One

- Clause A0.5 (c) being a combination of compliance with the Deemed-to-Satisfy Provisions and formulating an Alternative Solution which complies with the Performance Requirements. A2.2 and 1.2.2 sub-clause (a)(ii) as evidence to support that the Nu-Core Cladding System meets the nominated Performance Requirements. Alternative solutions of the DtS clauses relating to section C of the BCA are excluded from this certificate and to be addressed by a suitably qualified engineer in accordance with Clause A2.2(a)(iii).
- Performance Requirement BP1.1 (b)(iii).
- Clause B1.2 (c)(ii) Cyclonic wind actions.
- Performance Requirements CP2 and CP4 Fire Resistance for wall and ceiling cladding.
- Internal walls.
 - Specification C1.10 Fire Hazard Properties, Clause 4 for wall and ceiling cladding where a Group 1 rating is permitted (including NSW Variation for Clause C1.10) where a Group 1 and average specific extinction area of 27.6m²/kg is achieved.
- External walls required to have a Fire Resistance Level.
 - Specification C1.1 Fire-Resisting Construction, Clause 2.4 Attachments not to impair fire-resistance (including SA variation for Clause C1.1). Excluding Spec C1.10 table 4 note 3(c) as well as Clause 2.4 (ii) and (iii).
 - Specification C1.10 Fire Hazard Properties, Clause 7 for other materials (including NSW Variation for Clause C1.10). Excluding Spec C1.10 table 4 note 3(c) Where a Spread of flame = 0 and Smoke development index of 2 is achieved for the assembly.
- External walls not required to have a Fire Resistance Level – Not applicable in the State of Victoria.
 - Specification C1.10 Fire Hazard Properties, Clause 7 for other materials (including NSW Variation for Clause C1.10). Excluding Spec C1.10 table 4 note 3(c).
- Performance Requirement FP1.4 for Weatherproofing – Not applicable in the State of Victoria.

		10/03/2016	10/03/2019	CMA-CM40150-I01-R00
John Thorpe	Livi Krevatin	Date of Issue	Date of Expiry	Certificate Number

CertMark International Unrestricted Building Certifier

Product Description

The product is an aluminium composite panel comprised of the following layers:
 Layer 1: 0.5mm thick aluminium skin with polyester-based coat finish.
 Layer 2: 3-mm thick mineral-filled core.
 Layer 3: 0.5mm thick aluminium skin with polyester-based coat finish.
Nominal total thickness: 4-mm
Nominal total mass: 7kg/m² for (FR) & 7.8kg/m² (A2)

Certificate Holder

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ABCB Disclaimer

- This Certificate of Conformity is issued by an accredited certification body under arrangement with JAS-ANZ. The ABCB does not in any way warrant, guarantee or represent that the Product the subject of this Certificate of Conformity conforms to the BCA, nor accepts any liability arising out of the use of the Product. The ABCB 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 product(s) referred to in this Certificate.
- It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, www.abcb.gov.au.