

# CERTIFICATE

## Engineering Evaluation Certificate

No. IGNS-7346 I01R01

**ISSUED** 25 September 2019  
**Validity** BCA 2019



PREMIUM DECORATIVE SURFACES  
**Technical assessments of products for compliance under the National Construction Code.**

### AS 5637.1:2015 Determination of Fire Hazard Properties

This engineering certificate serves as a certificate from a professional engineer in accordance with Clause A5.2(1)(e) of the National Construction Code Volume One Building Code of Australia 2019

PRESENTED TO

#### New Age Veneers

Unit 14 22-24 Beaumont Road  
Mount Kuring-Gai NSW 2080  
[www.newageveneers.com.au](http://www.newageveneers.com.au)

ENGINEERING BODY

#### ignis Solutions Pty Ltd

ABN 24 160 047 125  
PO Box 5174  
Braddon ACT 2612  
(02) 6100 3900

[www.ignissolutions.com.au](http://www.ignissolutions.com.au)



### Product Description

The purpose of this assessment is to report the applicable use and compliance of New Age Veneers range of products being Navurban, Navcore, Navtext, Navlam, Enviroven and Navcompact against the requirements of the National Construction Code – Volume One – Building Code of Australia 2019 (BCA) to be used as an internal lining to walls and ceiling as well as within internal walls of buildings of Type A, B and C in accordance with the determination by AS 5637.1:2015.

### National Construction Code – Volume One – Building Code of Australia 2019

The New Age Veneers range of products being Navurban, Navcore, Navtext, Navlam, Enviroven and Navcompact comply with the following Deemed-to-Satisfy Provision:

- Performance Requirement CP2 and CP4
  - Clause C1.10
    - Sub-clause (a)(ii) wall linings and ceiling linings that comply with Specification C1.10 Clause 4

Navurban EO MFR MDF, Navcore, Navcore Navurban, Navcore Navtext, Navtext, Navlam, Enviroven Veneer EO, Navcompact	
Group Number	3
Average Specific Extinction Area	8.98 to 44.13 m <sup>2</sup> /kg

Navurban OptiShield FR MDF	
Group Number	2
Average Specific Extinction Area	4.98 m <sup>2</sup> /kg

Navtext FR, Navlam 2, Enviroven Veneer FR	
Group Number	1
Average Specific Extinction Area	45.65 to 101.04 m <sup>2</sup> /kg

### Reference Documents

This certificate is based on the following documents:

- National Construction Code – 2019 – Volume One – Building Code of Australia Class 2 to 9 Buildings.
- Guide to the Building Code of Australia 2019 – Volume One, Class 2 to Class 9 Buildings, Australian Building Codes Board, 2019 (the Guide).
- International Fire Engineering Guidelines, Australian Building Codes Board, Canberra, 2005
- AS 5637.1:2015 Determination of fire hazard properties – wall and ceiling linings
- AS ISO 9705:2003 Fire tests – full scale room test for surface products
- AS/NZS 3837:1998 Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter.
- IGNS-7346 I01R02 5637 report dated 25 September 2019
- Navurban OptiShield FR MDF IGNL-2091-07-09 I01R00 dated 13 December 2018
- Navurban EO MR MDF IGNL-2091-07-10 I01R00 dated 13 December 2018
- Navcore IGNL-2091-07-02 I01R00 dated 13 December 2018
- Navcore Navurban IGNL-2091-07-03 I01R00 dated 13 December 2018
- Navcore Navtext IGNL-2091-07-04 I01R00 dated 13 December 2018
- Navtext IGNL-2091-07-07 I01R00 dated 13 December 2018
- Navtext FR IGNL-2091-07-08 I01R00 dated 13 December 2018
- Navlam IGNL-2091-07-05 I01R01 dated 13 December 2018
- Navlam 2 IGNL-2091-07-06 I01R01 dated 13 December 2018
- Enviroven Veneer FR IGNL-2091-07-11 I01R00 dated 13 December 2018
- Enviroven Veneer EO IGNL-2091-07-12 I01R00 dated 13 December 2018
- Navcompact IGNL-2091-07-01 I01R00 dated 13 December 2018

### Conditions and Limitations

- This certificate is to be read, considered and used in line with the reference documents.
- The New Age Veneer products are to be installed in accordance with the New Age Veneer installation instructions.

**Benjamin Hughes-Brown**

FIEAust CPEng NER APEC Engineer IntPE(Aus) CMEngNZ

Chartered Professional Engineer

CPEng, NER (Fire Safety / Mech) 2590091, RPEQ 11498, BPB-C10-1875, EF-39394, MFireSafety (UWS), BEng (UTS), GradDipBushFire (UWS), DipEngPrac (UTS), DipEng (CIT)