



# Certificate of Conformity

Certificate number: CM40348

**Certification Body:**

  
ABN: 80 111 217 568  
JAS-ANZ Accreditation No.  
Z4450210AK  
PO Box 7144, Sippy Downs  
Qld 4556  
+61 (07) 5445 2199  
[www.CertMark.org](http://www.CertMark.org)

**Certificate Holder:**

  
Construction Specialties  
Australia Pty Ltd  
ABN: 97 094 710 693  
Unit 6, 26-32 Cosgrove Rd,  
Enfield NSW 2136  
1300 272 602  
W: [www.c-sgroup.com.au](http://www.c-sgroup.com.au)

**THIS IS TO CERTIFY THAT**

## Acrovyn® 4000 (range of products)

**Type and/or use of product:**

Lining in non-sprinkler and sprinkler applications including wall linings, crash rails, handrails, corner guards, rub plates, door frames and door protections such as kick plates and semi/full height non fire rated doors. Refer A2 for schedule of certified products.

**Description of product:**

Acrovyn® 4000 is an engineered a fire resistant material, manufactured into a range of products used for wall linings, crash rails, handrails, corner guards, rub plates, door frame. Refer A2 for schedule of certified products.

**COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) BCA 2019 (Amdt. 1)**

	Volume One	Volume Two
<b>Performance Requirement(s):</b>	Not applicable	Not applicable
<b>Deemed-to-Satisfy Provision(s):</b>	C1.10(a)(ii)& (viii) Fire hazard properties – Group Number refer A3	Not applicable
<b>State or territory variation(s):</b>	Not applicable	Not applicable

**SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B**

**Limitations and conditions:**

- Installation shall be in strict accordance with the relevant Technical Data Sheets tabled in A5 of this Certificate of Conformity.
- Cannot be installed to Fire Rated door sets.
- In order to comply with the Group Number 1 rating, the following adhesives are required to be used:
  - Ardex,
  - CS Aquabond
  - CS Solvit
  - Any other adhesives are outside of this certification.
- When toggle bolts are used on fire wall, fire putty must be applied. Reference instructions [24FirePutty](#) for fire putty installation
- The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

**Building classification/s:**

Class 2,3,4,5,6,7,8 & 9

**Scope of certification:** The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website [www.abcb.gov.au](http://www.abcb.gov.au). This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the Certificate Holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

  
Richard Donarski - CMI

  
Don Grehan – Unrestricted Building Certifier

Date of issue: 25/03/2022

Date of expiry: 25/03/2025





# Certificate of Conformity

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

**Disclaimer:** The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim 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.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CertMark International has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

As per page 1.

### A2 Description of product

Acrovyn® 4000 is an engineered material, manufactured into the following range of products:

Product Type	Product Name	Size/Model	Finishes
Sheet	Acrovyn® 4000 1.02mm Sheet	1200mm x 2400mm and 1200mm x 3000mm	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 1.52mm Sheet	1200mm x 2400mm and 1200mm x 3000mm	Woodgrains, Brushed Metals and Acrovyn® By Design
Door Protection	Acrovyn® 4000 Non Fire Rated Door Protection Semi/Full Height	1200mm x 2400mm and 1200mm x 3000mm	Woodgrains, Brushed Metals and Acrovyn® By Design
Rubstrip	Acrovyn® 4000 Rubstrip	RS-1.02mm and RS-1.52mm	Woodgrains, Brushed Metals and Acrovyn® By Design
Handrail	Acrovyn® 4000 Handrail	HR-6CN (AU) & HRO-6N (AU)	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 Handrail	HR-6CRBN (AU) & HRO-6RBN (AU)	Woodgrains, Brushed Metals and Acrovyn® By Design
Handrail/Crash Rail	Acrovyn® 4000 Handrail/Crash Rail combination	HRB-10CN (AU) Series	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 Handrail/Crash Rail combination	HRB-20N (AU) Series	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 Handrail/Crash Rail combination with Solid Timber handrail	HRBW-10CN (AU) Series	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 Handrail/Crash Rail combination with Solid Timber handrail	HRBW-20N (AU) Series	Woodgrains, Brushed Metals and Acrovyn® By Design
Crash Rail	Acrovyn® 4000 SCR-40N Series Crash Rail	SCR-40N CRASH RAIL	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 SCR-48N Series Crash Rail	SCR-48N CRASH RAIL	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 SCR-64N Series Crash Rail	SCR-64N CRASH RAIL	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 SCR-80N Series Crash Rail	SCR-80N CRASH RAIL	Woodgrains, Brushed Metals and Acrovyn® By Design
Surface Mounted Corner Guards	Acrovyn® 4000 SM-20N Series	SM-20N and SM-20AN	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 SSM-20N Series	SSM-20N and SSM-20AN	Woodgrains, Brushed Metals and Acrovyn® By Design
	Acrovyn® 4000 VA Series	VA-034N, VA-200N, VA-250N & VA-200/250MN	Woodgrains, Brushed Metals and Acrovyn® By Design

### A3 Product specification

#### Fire Hazard Properties

Group Number and SMOGRA<sub>RC</sub> for thickness (1.0mm – 1.98mm) for the products tabled above.

Assessment of testing for 1.0 mm to 1.98 mm thick Acrovyn® 4000 in accordance with AS 5637.1:2015 and AS ISO 9705:2003 (R2016):

Group Number Classification: Group 1                      SMOGRA<sub>RC</sub> less than the 100 m<sup>2</sup>/s<sup>2</sup> x 1000 limit

**Note:** Timber handrails used in HRBW-10CN (AU) & HRBW-20N (AU) are exempt from C1.10 as they are a solid timber (C1.10(c)(iv)).

**Source:** BRANZ Report No. FC15531-01 Issue 1, Fire Assessment Report Acrovyn® 4000 dated 09/12/2021.



**CODEMARK**  
Australia

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## A4 Manufacturer and manufacturing plant(s)

This field is voluntary. Contact Certificate Holder for details.

## A5 Installation requirements

Installation of Acrovyn® 4000 products must be in strict accordance with the relevant Technical Data Sheet below.

Filename	Product Name	Product Type
<a href="#">Acrovyn® 4000 1.02mm Sheet Product Data</a>	Acrovyn® 4000 1.02mm Sheet	Sheet
<a href="#">Acrovyn® 4000 1.52mm Sheet Product Data</a>	Acrovyn® 4000 1.52mm Sheet	Sheet
<a href="#">Acrovyn® 4000 DP-KP Product Data</a>	Acrovyn® Non Fire Rated Door Protection Semi/Full Height	Door Protection
<a href="#">Acrovyn® 4000 Rubstrips Product Data</a>	Acrovyn® 4000 Rubstrip	Rubstrip
<a href="#">HR-6CN HRO-6CN Product Data (AU)</a>	Acrovyn® 4000 Handrail	Handrail
<a href="#">HR-6CRBN Product Data (AU)</a>	Acrovyn® 4000 Handrail	Handrail
<a href="#">HRB-10CN Product Data</a>	Acrovyn® 4000 Handrail/Crash Rail combination	Handrail/Crash Rail
<a href="#">HRB-20N Product Data (AU)</a>	Acrovyn® 4000 Handrail/Crash Rail combination	Handrail/Crash Rail
<a href="#">HRBW-10CN Product Data (AU)</a>	Acrovyn® 4000 Handrail/Crash Rail combination with Solid Timber handrail	Handrail/Crash Rail
<a href="#">HRBW-20N Product Data (AU)</a>	Acrovyn® 4000 Handrail/Crash Rail combination with Solid Timber handrail	Handrail/Crash Rail
<a href="#">SCR-40N Product Data - AU</a>	Acrovyn® 4000 SCR-40N Series Crash Rail	Crash Rail
<a href="#">SCR-48N Product Data - AU</a>	Acrovyn® 4000 SCR-48N Series Crash Rail	Crash Rail
<a href="#">SCR-64N Product Data - AU</a>	Acrovyn® 4000 SCR-64N Series Crash Rail	Crash Rail
<a href="#">SCR-80N Product Data - AU</a>	Acrovyn® 4000 SCR-80N Series Crash Rail	Crash Rail
<a href="#">SM-20N Product Data - AU</a>	Acrovyn® 4000 SM-20N Series	Surface Mounted Corner Guards
<a href="#">SSM-20N Product Data - AU</a>	Acrovyn® 4000 SSM-20N Series	Surface Mounted Corner Guards
<a href="#">VA Series Product Data - AU</a>	Acrovyn® 4000 VA Series	Surface Mounted Corner Guards

## A6 Other relevant technical data

Compliance with AS 1428.1:2009 (Section 12b, 12c & 12h) has been confirmed for the following handrail products:

- Acrovyn® 4000 HR-6CN (AU) 240122
- Acrovyn® 4000 HR6CRBN (AU) 240122
- Acrovyn® 4000 HRB-10CN (AU) 240122
- Acrovyn® 4000 HRB-20N (AU) 240122
- Acrovyn® 4000 HRBW - 10CN 240122
- Acrovyn® 4000 HRBW - 20N (AU) 240122
- Acrovyn® 4000 HRO - 6N (AU) 240122

**Source:** A Letter of compliance Version 2 prepared by Morris Goding Access Consulting dated 07/02/2022.



# Certificate of Conformity

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

1. Fire Safety Provisions A5.2(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.

### B2 Reports

1. BRANZ; IANZ Accreditation No. 37; Report No. FC15531-01 Issue 1; Fire Assessment Report Acrovyn® 4000 – Group Number Classification in accordance with AS ISO 9705:2003(R2016); Dated 09/12/2021.
2. Morris Goding Access Consulting; Letter of compliance Version 2; Assessment of Acrovyn® 4000(PVC-Free), Chameleon and Acrovyn® By Design for AS 1428.1:2009; Dated 07/02/2022.

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.