

# Certificate of Assessment

Project No.: XC4040

Report No. EP153410 Revision G

This is to certify that CSIRO Infrastructure Technologies have examined information submitted to us and appraised the suitability of the use of carpets in Class 1 to 10 buildings on exit ramps (except threshold ramps), landings and stair treads without further slip resistance testing in accordance with AS 4586 Appendix A on behalf of:

Carpet Institute of Australia Limited  
Level 1, 493 St. Kilda Road  
MELBOURNE, 3004 VICTORIA  
AUSTRALIA

CSIRO Report EP153410 Revision G dated 1 May 2026 describes the engineering assessment conducted to evaluate the compliance of the carpets with the NCC requirements. A statistical analysis was performed based on 102 test reports of tests carried out in accordance with AS 4586 Appendix A, tested without underlay from two test laboratories. A full description of the test specimens and the complete test results are detailed in the Report.

**DESCRIPTION OF SAMPLE:** Carpet of particular construction types as described in the CSIRO report. This report is valid for carpet manufactured by Beaulieu Australia, Brintons, Feltex Carpets, Bremworth, Godfrey Hirst Carpets, Interface, Mililiken, Quest Carpets, Supertuft, and Victoria Carpets. The assessment does not apply to:

- carpet of cut and loop combination pile
- loop pile carpets with pile fibre of other than wool or nylon (i.e. polypropylene, polyester and triexta)
- carpets from manufacturers not listed above

**CONCLUSION:** The Slip Resistance Classification (SRC) of carpets will satisfy Performance Requirement D1P2 of the BCA Vol 1 and Performance Requirement H5P1 of the BCA Vol 2 for exit ramps, stair treads and landings without further testing to AS4586 App A. With 99.9% confidence, samples of various types of carpets can be expected to have a SRC assessed as **not less than P3** as required by the BCA for stair treads, landings and ramps if tested under AS 4586 Appendix A. This depends on the fibre type, fibre style and the Pile Thickness (PT). The conclusion is limited to the values achieved by construction types assessed and listed in the table below. Refer to the CSIRO report for the full descriptions of the limitations.

Fibre Type			Style
Wool and wool rich ( $\geq 80\%$ wool)	Nylon	Other	
OK for PT $4.1\text{mm} \leq \text{PT} \leq 15.2\text{mm}$	OK for $3.8\text{mm} \leq \text{PT} \leq 8.0\text{mm}$		Cut Pile
	OK for $3.5\text{mm} \leq \text{PT} \leq 6.6\text{mm}$	<i>insufficient data</i>	Loop Pile

The above SRC does not relate to surfaces on ramps steeper than 1:14 of Class 2 to 9 buildings and 1:8 of Class 1 and 10 buildings, ramps used by wheelchairs, threshold ramps, accessible adult change facilities, swimming pools including accessible water entry/exit or surfaces in wet areas and may not be used for these applications.

Issued on the 11<sup>th</sup> day of May 2026 without alterations or additions.

TERM OF VALIDITY: This report will expire on the 1st day of May 2028.

Alex Webb  
Group Leader, Materials Performance.

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CSIRO INFRASTRUCTURE TECHNOLOGIES

14 Julius Avenue, Riverside Corporate Park, North Ryde NSW 2113 AUSTRALIA  
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 www.csiro.au

