

Carpet Installation Details Pro forma

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Carpet Manufacturer Details *(To be filled out by the Manufacturer)*

Manufactured By _____

Carpet installation requesting acceptance without testing by reference to the CSIRO Certificate of Assessment No: 973 and Fire Engineering Assessment Report No: CMMT(C)-2007-120 (Rev AA).

Carpet Details

Carpet Name _____

ACCS Registered Carpet Quality Number _____ *(if applicable)*

Pile Type: Cut Loop Cut/Loop

Fibre Content _____ % Wool (Min 80%)

_____ % Nylon (Max 20%)

Total Pile Mass _____ (g/m²) (Range 1060-3000 g/m²)

I have read and accepted the conditions which apply to my use of the CSIRO report and certificate, as set out in the Carpet Institute document accompanying this form.

Signed _____ Date: _____

Manufacturer _____

ACCS Licence No _____

This pro forma is issued by the Carpet Institute of Australia Limited (CIAL) but completed by the Manufacturer and the Building Permit Applicant. CIAL does not in any way warrant or represent that the Carpet or Installation, the subject of this pro forma, conforms to the Building Code of Australia, nor does it accept any liability arising out of the use of the Carpet or the Installation. The CIAL has not validated any of the information supplied by the Manufacturer or the Building Permit Applicant in this application and does not guarantee, warrant or represent that it is correct, accurate or reliable. Any interested party should undertake its own enquiries as to the accuracy, sufficiency and suitability of such information.

Carpet Installation Details *(To be filled out by the Permit Applicant)*

Installation Company _____

Location of Carpet Installation _____

Method of Installation & Underlay Type *(Select one underlay type only)*

Conventional

Rubber

Felt

Reconstituted Fibre

Rebonded Foam

Direct Stick

None

Double Bond

Reconstituted Fibre

SBR Latex

Rebonded Foam

Minimum Critical Radiant Flux (CRF) value obtained for this carpet system according to the Certificate of Assessment _____ kW/m²

Installation Details

Building Class/Sub-class _____

Unsprinklered

Sprinklered

Fire Isolated

Minimum CRF requirement for this installation according to BCA Specification C1:10: _____ kW/m²

I certify that the carpet detailed in this application will be installed as indicated at the specified location.

I have read and accepted the conditions which apply to my use of the CSIRO report and certificate, as set out in the Carpet Institute document accompanying this form.

Signed _____ Date: _____

Building Permit Applicant _____



14 Julius Avenue, North Ryde NSW 2113
 PO Box 310, North Ryde NSW 1670, Australia
 T (02) 9490 5444 • ABN 41 687 119 230

Certificate of Assessment

No. 973

We have examined information submitted to us and appraised the suitability of the use of wool and some wool/nylon carpets, in Class 2 to 9 buildings without further fire testing to AS ISO 9239, Part 1, on behalf of
 Carpet Institute of Australia Limited
 Level 1, 493 St. Kilda Road, Melbourne Vic 3004

CSIRO Manufacturing and Materials Technology's Report CMMT(C)-2007 -120 (RevAA) describes a fire engineering assessment conducted to evaluate the compliance of the carpets with the BCA requirements. A statistical analysis was performed based on 198 test reports of tests to AS ISO 9239.1 from NATA or ILAC accredited test laboratories.

PRODUCT NAME

& DESCRIPTION:

100% wool and wool/nylon blend carpet with no more than 20% nylon; of Total Pile Mass (TPM) no less than 1060g/m²; and limited to particular construction types and underlay combinations as described in the CSIRO report. This report is valid for carpet of the above description manufactured by Brintons, Feltex Carpets, Godfrey Hirst Australia, Quest Carpets, Tuftmaster Carpets, Victoria Carpets, Cavalier Bremworth, Chaparral Carpet Mills and Supertuft. The assessment does not apply to:

- carpet of pile material other than wool/nylon
- carpet tiles
- PVC backed carpet
- carpet laid over FR Rubber.

CONCLUSION:

The 'Critical Radiant Flux' (CRF) and Maximum 'Smoke Development Rate' (SDR) of certain wool rich carpets will satisfy Performance Requirement CP 4 of the BCA 2013 without further testing. The conclusion is limited to the values achieved by construction types assessed and listed in the table below. Refer to the CSIRO report CMMT(C)-2007 -120 (Rev AA) fire engineering assessment for the full descriptions of the limitations..

Installation Method	Underlay	TPM (g/m ²)	CRF (kW/m ²) by Pile Type				SDR (%.min)
			All	Loop	Cut/Loop	Cut	
Direct Stick	Nil	All	4.5				750
Conventional	Rubber, Felt, Reconstituted Fibre, Rebond Foam	All	2.2				750
Double Bond	Reconstituted Fibre	<1200		4.5	4.5	2.2	750
		≥1200	4.5			750	
	SBR Latex	<2000	4.5				750
		≥2000	2.2				750
	Rebond Foam	All		4.5	4.5	2.2	750

Issued on 21st October 2013 without alterations or additions. This Certificate will expire on 21st October 2018. This certificate is issued in conjunction with CSIRO report number CMMT(C)-2007-120 (Rev AA), and must not be used separately to that report. This certificate supersedes the version of this certificate dated 21 October 2008.

Alex Webb
 Manager, Fire Engineering