

Appendix 1-NCPR Product Conformity Table Sample-0471 Thermal insulation and pliable membranes

This guide is applicable to insulation and pliable membranes for floors, walls, ceilings and roofs. It generally relies on AS/NZS 4200.1, AS 4200.2 and AS/NZS 4859.1. A pliable building membrane may be installed to act as a sarking membrane, vapour barrier, thermal insulation or any combination of the three. This worksection does not cover insulation for services (e.g. for ductwork) or acoustic insulation.

Product Type	Pliable building membrane (elastomers, plastics and composite products)	Rigid and flexible thermal insulation materials (batt and blanket thermal insulation)	Thermal insulation materials (batt and blanket thermal insulation)	Insulation materials, Materials with reflective facing	Pliable membranes	Polyurethane (rigid cellular RC/PUR)	Polyisocyanurate (rigid cellular RC/PIR)
Conformity Requirement	AS/NZS 4200.1: 2017- Pliable building membranes and underlays- Materials	AS/NZS 4859.1 :2018- Thermal insulation materials for buildings — General criteria and technical provisions	AS/NZS 4859.2:2018 -Thermal insulation of buildings Design	AS/NZS 1530.3:1999 -Methods for fire tests on building materials, components and structures- Simultaneous determination of ignitability, flame propagation, heat release and smoke release	AS 1530.2:1993- Methods for fire tests on building materials, components and structures- Test for flammability of materials	AS 1366.1:1992- Rigid cellular plastics sheets for thermal insulation-Rigid cellular polyurethane (RC/PUR)	AS 1366.2:1992- Rigid cellular plastics sheets for thermal insulation-Rigid cellular polyisocyanurate (RC/PIR)
NCC Reference (available on www.ncc.abcb.gov.au)	NCC V1 F1.6, F6.2, Schedule 3; NCC V2 3.5.2.4, 3.5.4.2, 3.5.4.8, 3.8.7.2, Schedule 3	NCC V1 J1.2, J5.5, J5.8; NCC V2 3.12.1.1, 3.12.1.5, 3.12.5.1, 3.12.5.2, 3.12.5.3	NCC V1 J1.2, Spec J1.5a	NCC V1 Schedule 3, Schedule 6; NCC V2 Schedule 3, Schedule 6	NCC V1 Schedule 3; NCC V2 Schedule 3	N/A	N/A
Accredited Certification Bodies/ Accreditation #	N/A	BSI Group (Australia and New Zealand) Pty Ltd Global-Mark Pty Ltd	N/A	N/A	N/A	N/A	N/A
Accredited Testing Bodies/ Accreditation #	AWTA Product Testing/ NATA: 985	AWTA PRODUCT TESTING/NATA: 1356 CSIRO/NATA: 165	N/A	AWTA PRODUCT TESTING/NATA: 1356 CSIRO/NATA: 165	AWTA PRODUCT TESTING/NATA: 1356 CSIRO/NATA: 165	N/A	Warringtonfire Australia/NATA:327 7
Technical Notes on this standard	Provided by CAB	Provided by CAB	Provided by CAB	Provided by CAB	Provided by CAB	Provided by CAB	Provided by CAB

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Note: the standards provided in the table are only to be used for general assistance, not assurance. The appropriateness of the standards and the conformity requirements are contingent on the approval authorities, with consideration of the use of the product, the type of building, and local regulations in the jurisdiction the product will be used in etc.