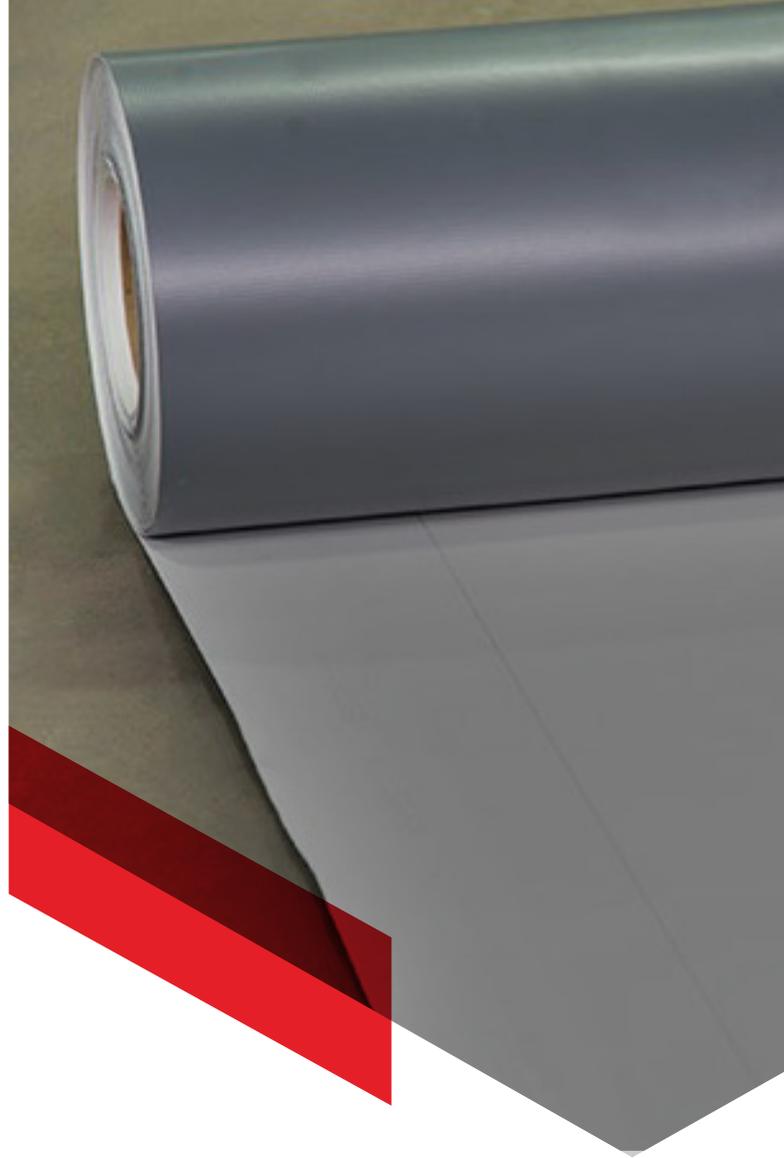




ALLCO JM TPO

Allco JM TPO is a single ply, polyester fabric reinforced, thermoplastic polyolefin (TPO) fully bonded waterproofing sheet membrane for roofs and decks, applied as a fully bonded or mechanically fixed system with heat-welded seams. Also available in fleece backed (FB).

Allco JM TPO is suitable for commercial and residential low-slope and pitched roofs, gutters, parapets, balconies, and under floating decks. Allco JM TPO can also be used as the waterproofing membrane for Allco's warm & cold roof solutions.



Product	Colour	Thickness (mm)	Roll Length (m)	Roll Width (mm)	Coverage (m2)	Cut-to-length	Water Potable*	BRANZ Appraised	Product Warranty	Stock item
JM TPO	White	1.52	30	1524	46.45		Yes	Yes	20 Years	Indent
		1.52	30	3048	92.90		Yes	Yes	20 Years	Indent
		2.03	23	1524	34.84		Yes	Yes	20 Years	Indent
	Grey	1.14	30	3048	92.90		Yes	Yes	20 Years	Yes
		1.52	30	1524	46.45		Yes	Yes	20 Years	Yes
		1.52	30	3048	92.90	Yes	Yes	Yes	20 Years	Yes
		1.52	30	3657	111.5		Yes	Yes	20 Years	Yes
		2.03	23	1828	41.70		Yes	Yes	20 Years	Indent
Tan	1.14	30	1828	55.57		Yes	Yes	20 Years	Indent	
JM TPO FB	White	2.92	30	3048	92.90		Yes	Yes	20 Years	Indent
	Grey	2.92	30	3048	92.90	Yes	Yes	Yes	20 Years	Yes

SCOPE OF USE

Allco JM TPO membrane is suitable for use as a roof and deck waterproofing membrane on buildings within the following scope:

- The scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1
- The scope limitations of NZBC Acceptable Solutions E2/AS1, Paragraph 1.1 with regard to building height and floor plan area when subject to specific structural design; and with substrates of plywood, Strandsarking (roofs only) or suspended concrete slab;
- With minimum falls of roofs 1:30 and decks 1:40
- With deck size limited to 40m²
- Situated in NZS 3604 Wind Zones, up to, and including Extra High; and with the weather tightness design of junctions for each specific structure being the responsibility of the building designer.

Allco recommends that before specifying waterproofing membrane products that Architects and building designers consult the relevant NZBC documents and NZ Standards including, but not limited to these listed below:

- NZBC Acceptable Solution E2/AS1: External Moisture
- NZS 3604: 2011 Timber-framed Buildings
- AS/NZS 2269: 2012 Plywood - Structural
- AS/NZS 1170: 2002 Structural Design Actions – General Principles NZBC Acceptable Solution C/AS1 – C/AS6: Protection from Fire

TECHNICAL

Durability: Allco JM TPO has a 20 Year durability warranty

NZBC Compliance: Allco JM TPO, when installed and maintained in accordance with the supplier's instructions and maintenance requirements, will satisfy the durability clause NZBC B2.3.1 (b) 15 years. Allco JM TPO meets the relevant clauses of NZBC E3 Internal Moisture and F2 Hazardous Building Materials.

Design requirements: Product specification and incorporation of Allco JM TPO, into the building design shall be carried out by a designer, or architect, or engineer, or building professional who; is qualified to design the buildings covered under the "Scope" of use of this product; and has ready access to the technical specifications including installation details and standards referenced to in the **BRANZ Appraisal No.1046 (2018)** where the design limitations are outlined for the scope of this data sheet.

Allco JM TPO is supplied as a complete system with proprietary heat weldable accessories to deal with roof penetrations including internal and external corners and pourable pockets. Refer to the Allco website www.allco.co.nz or refer to an Allco Account Manager for a full list of accessories.



masterspec
Specification No. 4422AJ

INSTALLATION

Installation shall be carried out by an Allco Approved Applicator. Installation shall be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the BRANZ Appraisal No. 1046 (2018) and the suppliers installation instructions.

MSDS

Material Safety Data Sheets (MSDS) are available on request from your Allco account manager or by visiting our website www.allco.co.nz

SPECIFICATION & SUBSTITUTION

Allco specification documents are available through Masterspec or can be downloaded from our website (www.allco.co.nz). Substitution of any products in NZBC compliant systems should not be accepted and we recommend this be made clear in all specification and tender documents.

MAINTENANCE REQUIREMENTS

Maintenance requirements for Allco JM TPO are outlined in Allco's Care and Maintenance Guide.

In the event of damage to the membrane, the membrane must be repaired by an Allco approved applicator only who can remove the damaged portion and heat weld a patch as for new work. Drainage outlets must be maintained to operate effectively.