



SPECIFICATION TEMPLATE

FIRESPAN FSS Non-combustible Vapour Barrier Membrane – *Item No. FSS12540*

Pliable Building Membrane:

The pliable building membrane shall be FIRESPAN FSS Deemed-to-Satisfy non-combustible vapour barrier membrane tested in accordance with the latest version of the NCC as per the below technical data and supplied by Blue Chip Group Pty Ltd (Ph: 1300 945 123).

****NO ALTERNATIVE MATERIALS WILL BE ACCEPTED FOR THIS PROJECT****

ITEM	TEST STANDARD	UNIT	RESULT
DTS Non-combustible	AS 1530.1	-	Pass*
Ignitability Index	AS 1530.3	-	0*
Spread of Flame Index	AS 1530.3	-	0*
Heat Evolved Index	AS 1530.3	-	0*
Smoke Developed Index	AS 1530.3	-	1*
Flammability Index	AS 1530.2	-	1**
Material Thickness	Actual	mm	<1**
Duty / Tensile Strength	AS 4200.1	kN/m	MD 36.6
Classification = Extra Heavy		kN/m	LD 24.4
Edge Tear Resistance	AS 4200.1	N (25mm)	MD 266
Classification = Extra Heavy		N (25mm)	LD 301
Dry Delamination	AS 4201.1	-	Pass
Wet Delamination	AS 4201.2	-	Pass
Shrinkage	AS 4201.3	%	0.0
Water Barrier	AS 4201.4	Both Sides	Pass
Emittance (Silver Foil Facing)	AS 4201.5	Value	0.05
	AS 4201.5	Reflectance	95%
Water Absorbency	AS 4201.6	g/m2	85.2
		Classification	Low
Vapour Transmission	ASTM E96	g/h.m2	0.006
		g/24h./m2	0.151
Vapour Permeance	ASTM E96	µg/N.s	0.001
Vapour Barrier	ASTM E96	Classification	Class 1 (High)
Vapour Resistance	ASTM E96	MN.s/g	4483.6
Burst Force	AS 2001.2.19	N	758
Bursting Strength	AS 4200.1	Classification	Light Wall

*Deemed-to-Satisfy non-combustible in accordance with AS 1530.1 and AS 1530.3 testing as per the requirements of NCC 2022 clause C2D10(6)(g). **Deemed-to-Satisfy non-combustible as per NCC 2022 clause C2D10(6)(f), with thickness <1mm and Flammability Index <5.

Installation Instructions: Install and tape in accordance with AS 4200.2 to provide a Deemed-to-Satisfy weatherproofing barrier in accordance with NCC 2022, Clause F3D3.

Product Warranty: Provide a manufacturer's warranty for a minimum period of 10 years. All work is to be carried out in accordance with the manufacturer's recommendations.