



## TECHNICAL DATA SHEET

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

| ITEM                           | TEST STANDARD          | UNIT  | RESULT                            |
|--------------------------------|------------------------|---|-----------------------------------|
| Roll Width x Length            | Actual                 | m   | 1.25 x 40                         |
| Roll Quantity                  | Actual                 | m <sup>2</sup>                              | 50                                |
| Roll Weight                    | Actual                 | kg  | 12.5                              |
| DTS Non-combustible – NCC 2022 | C2D10(6)(g)            | -   | Pass*                             |
| 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*                                |
| DTS Non-combustible – NCC 2022 | C2D10(6)(f)            | -   | Pass**                            |
| Flammability Index             | AS 1530.2              | -   | 1**                               |
| Material Thickness             | Actual                 | mm  | <1**                              |
| Duty / Tensile Strength        | AS 4200.1              | Classification<br>kN/m<br>kN/m              | Extra Heavy<br>MD 36.6<br>LD 24.4 |
| Edge Tear Resistance           | AS 4200.1              | Classification<br>N (25mm)<br>N (25mm)      | Extra Heavy<br>MD 266<br>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              | Silver<br>White                             | Pass<br>Pass                      |
| Emittance (Silver Foil Facing) | AS 4201.5<br>AS 4201.5 | Value<br>Reflectance                        | 0.05<br>95%                       |
| Water Absorbency               | AS 4201.6              | g/m <sup>2</sup><br>Classification          | 85.2<br>Low                       |
| Vapour Transmission            | ASTM E96               | g/h.m <sup>2</sup><br>g/24h./m <sup>2</sup> | 0.006<br>0.151                    |
| Vapour Permeance               | ASTM E96               | µg/N.s                                      | 0.001                             |
| Vapour Barrier                 | ASTM E96               | Classification                              | Class 1<br>(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.