

# DuPont™ Tyvek® HomeWrap®

## PHYSICAL PROPERTIES DATA SHEET

| Properties                              | Test Method                 | Requirement  | DuPont™ Tyvek® HomeWrap® (1055B) |
|---|-----------------------------|--|----------------------------------|
| Australian Building Code and AS/NZS4200 |                             |  |                                  |
| Duty Classification                     | Table 1, AS/NZS 4200.1:2017 | Light wall   | Light wall                       |
| Vapour Permeance                        | ASTM E96 – B                | >1.14µg/N.s  | > 2.0µg/N.s                      |
| Vapour Resistance                       | ASTM E96 – B                | <0.88MN.s/g  | <0.5MN.s/g                       |
| Vapour Control Classification           | AS/NZS 4200.1:2017 Table 4  | Class 4  | Class 4 (low)                    |
| Emittance Classification                | AS/NZS 4201.5               | Non-Reflective   | Non-Reflective                   |
| <b>Mechanical Strength</b>              |                             |  |                                  |
| Edge Tear (MD & CD)                     | TAPPI T470                  | 45N  | 202N & 203N                      |
| Tensile (MD & CD)                       | AS 1301.448s                | -  | 4.4kN/m & 4.7kN/m                |
| Resistance to Dry Delamination          | AS/NZS 4201.1               | -  | Pass                             |
| Resistance to Wet Delamination          | AS/NZS 4201.2               | -  | Pass                             |
| Moisture Shrinkage                      | AS/NZS 4201.3               | <0.5%  | Pass                             |
| Water Control Classification            | AS/NZS 4201.4               | Water Barrier  | Water Barrier                    |
| Folding Endurance (MD & CD)             | AS/NZS 1301.423             | 2.0 (log <sub>10</sub> 100) &<br>1.7(log <sub>10</sub> 50) | Pass                             |
| Electrical Conductivity                 | AS/NZS 3100                 | Electrically non-conductive                                | Electrically non-conductive      |
| Burst Strength                          | AS 2001.2.19                | >200N  | 284N                             |
| Flammability Classification             | NZS/AS 1530.2               | Low (≤5)   | Low (≤5)                         |
| Surface Water Absorbency Classification | AS/NZS 4201.6               | Low/High   | Low                              |
| Air Control Classification              | BS6538:Part3                | ≥0.1 MN/m <sup>3</sup>                                     | Air Barrier                      |
| Weight / Width                          |                             |  | 61gsm / 2740mm                   |
| Certification / Appraisals              |                             |  | CodeMark                         |

Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations while continuing to meet product specifications.

**For more information about DuPont™ Tyvek® Building Envelope Systems, please visit us at [www.Construction.Tyvek.com](http://www.Construction.Tyvek.com)**

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