GUARDBOARD™

**Heavy Duty Floor & Surface Protection**

# Guardboard™ Technical Sheet

To determine the integrity and soundness of Guardboard we have adopted and performed several test procedures specifically to identify Tensile Strength (stretch), Cobb (absorption), Tear Test (rip) and Burst Test (break). The test methods adopted for these tests are the most common and reliable test methods employed when determining the integrity and soundness of paper and board.

***Moisture Absorption (Cobb):*** *Guardboard's top surface has an extremely high resistance to moisture penetration. This allows for moisture to sit on the top surface for some time before it is absorbed into and ultimately through to the back.*

***Tensile Strength:*** *Excellent tensile qualities allow Guardboard™ to be strong and flexible. These capabilities are ideal qualities to allow for laying, decurling and ease of use.*

***Tear Strength:*** *Guardboard™ is extremely robust which makes it difficult to rip or tear. Perfect for high traffic flow areas and suitable for tough environments.*

***Burst/Impact Strength:*** *Guardboard™ has an extremely high Burst Strength. A high Burst Strength is an integral quality that allows Guardboard™ to withstand some of the roughest treatment without losing its integrity.*

**Test Methods:**

| Applicable Method / Standard | Reference Number |
|---|---|
| Tensile Strength<br>(Constant Rate of Elongation) | AS 1301.448s |
| COBB | AS 1301.411s, VTC-PB-0039 |
| Tear Test | AS 1301.400s |
| Burst Test Paper | AS 1301.403s |

**Test Results:**

| Test Conducted | | Guardboard |
|---|---|---|
| $COBB_{1800}$ Top ($g/m^2$) | | 122 |
| $COBB_{60}$ Back ($g/m^2$) | | 24 |
| Tensile Strength (kN/m) | MD | 33.36 |
| | CD | 15.49 |
| Tear (mN) | MD | 5436 |
| | CD | 6901 |
| Burst (kPa) | | 1628 |

*Note: These tests have been carried out under strict guidelines and controls and should be used as a guide only.*

**100% RECYCLABLE**

**MADE IN AUSTRALIA**