

# STRONGBOND CUSHIONSLAB 6.5MM

## TECHNICAL DATA SHEET



**General** – Strongbond Cushionslab 6.5mm Carpet Underlay is manufactured to the requirements of -AS 4288-2003 Underlays for Textile Floor Coverings. To meet this standard a number of requirements and other standards must be met.

### TECHNICAL DETAILS – Strongbond Cushionslab 6.5mm

Specification	Double Sided Textron Paper/Hessian -
Product Code	6.5mm <b>ZU065TH10</b>
Gauge (mm)	6.5
	+/- 0.7
Roll Width (m)	1.83
Roll length (m)	10
Roll Weight (kg)	28.0
	+/- 5%
Weight (kg/m3)	235.4
Weight (g/m2)	1530
	+/- 5% (75gm)
Construction	Textron Paper Latex Rubber Hessian
Packaging	Plastic

### PERFORMANCE CHARACTERISTICS (REQUIREMENTS)

	6.5mm Double sided
<b>BREAKING FORCE:</b> A.S.2001.2.3-1988, which states that breaking strength, is not less than 50N.	Complies Length: 838N Width: 509N
<b>EXTENSION UNDER FORCE:</b> AS 4288-2003 which states that Extension is not to be greater than 20% when a force of 40N is applied.	Complies Length: 1.0% Width: 1.2%
(a)LOSS OF THICKNESS ON STATIC LOADING – Long Term AS 2111.14-1996 which states that thickness loss after static loading must not exceed 15% of original thickness.	'Conforms' to standard (a) 11.3%
(b)LOSS OF THICKNESS ON DYNAMIC LOADING AS 2111.2-1996 which states that thickness after 1000 cycles must not exceed 15% of original thickness.	'Conforms' to standard (b) 7.7 %
<b>WORK OF COMPRESSION</b> AS 4288-2003 Appendix A which states that work of compression after dynamic loading must not be less than 50J/m2 and no higher than 200J/m2 and must retain at least 40% of its original work of compression.	Complies Retention: 57%
<b>RESISTANCE TO BREAKING &amp; CRACKING</b> AS 4288-2003 Appendix B which states that cracks no longer than 50mm in length and no cracks in any backing material.	Complies
<b>MEAN DEFLECTION @ 100Kpa AFTER DYNAMIC LOADING</b> AS 4288-2003 Appendix A which states that no less than 1.5mm and not more than 9mm deflection be exceeded.	Complies 8mm
<b>THICKNESS DEVIATION</b> A.S./NZS.2111.1-1996 @ 2Kpa which states no deviation greater than +/- 12%.	Complies
<b>FLAMMABILITY</b> S/NZS 211.18-1997 BURNING BEHAVIOUR Tablet test at ambient temperature. AS 2404-1980 Fire propagation properties specifications. Critical Radiant Flux & Smoke Development Rate tested in conjunction with 80:20 wool/nylon blend to AS ISO 9239.1	Complies
<b>IMPACT SOUND REDUCTION (Delta Lw)</b> Reduction of impact sound pressure level according to ISO10140-3. Rating according to ISO717-2	30dB