

STRONGBOND ENDURASLAB 4.7MM

TECHNICAL DATA SHEET



General – Strongbond Enduraslab 4.7mm 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 Enduraslab 4.7mm

Specification		Double Sided Textron Paper / Hessian - 4.7mm
Product Code		ZU047TH10
Gauge (mm)		4.7
	+/-	0.3
Roll Width (m)		1.83 m
Roll length (m)		10 m
Roll Weight (kg)		27
	+/-	5% (75gm)
Weight (kg/m3)		317
Weight (g/m2)		1490
	+/-	5% (75gm)
Construction		Textron Paper, Latex Rubber, Hessian
Packaging		Plastic

PERFORMANCE CHARACTERISTICS (REQUIREMENTS)

	4.7mm Double Sided
BREAKING FORCE: AS 2001.2.3-1988, which states that breaking strength is not less than 50N.	'Conforms' to standard Length: 621N Width: 595N
EXTENSION UNDER FORCE: AS 4288-2003 which states that Extension is not to be greater than 20% when a force of 40N is applied.	'Conforms' to standard Length: 1.1% Width: 0.8%
(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) 6.3%
(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) 6.7%
WORK OF COMPRESSION AS 4288-2003 Appendix A which states that work of compression after dynamic loading must not be less than 50J/m ² and no higher than 200J/m ² and must retain at least 40% of its original work of compression.	'Conforms' to standard Retention: 86%
RESISTANCE TO BREAKING & CRACKING AS 4288 Appendix B which states that cracks no longer than 50mm in length and no cracks in any backing material.	'Conforms' to standard No cracks or breaks
MEAN DEFLECTION @ 100Kpa AFTER DYNAMIC LOADING AS 4288-2003 Appendix A which states that no less than 1.5mm and not more than 9mm deflection be exceeded.	'Conforms' to standard 2.4mm
THICKNESS DEVIATION AS 2111.1-1978 @ 2Kpa which states no deviation greater than +/- 12%.	'Conforms' to standard 0.3% variation
FLAMMABILITY 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
IMPACT SOUND REDUCTION (Delta Lw) Reduction of impact sound pressure level according to ISO10140-3. Rating according to ISO717-2	26dB