



## **GILTGRIP POLYSLAB 4.7mm Commercial Underlay**

### **TECHNICAL DETAILS & PERFORMANCE CHARACTERISTICS**

**General** – Giltgrip underlays are very hard wearing, high quality products which are manufactured to the requirements of AS 4288-2003 Underlays for Textile Floor Coverings. In order to meet this standard a number of requirements and other standards must be met. The performance of Giltgrip Polyslab underlay is as follows:

#### **TECHNICAL DETAILS**

<b>Specification</b>	<b>4.7mm Double Sided Polyester/Hessian</b>
Gauge (mm)	4.7
	+/- 0.3
Roll Width (cm)	183
Roll length (m) (or to order)	11
Roll Weight (kg)	28.0
Weight (g/m <sup>2</sup> )	1390
	+/- 50
Construction	Polyester Latex Rubber 230g Hessian
Packaging Colour	Clear
Packaging	Plastic

#### **PERFORMANCE CHARACTERISTICS (Requirements)**

	<b>4.7mm Double Sided</b>
<b>BREAKING FORCE:</b> AS 4288-2003 Table 2, which states that breaking strength, is not less than N/50mm.	'Conforms' to standard Length: 620 Width: 748
<b>EXTENSION UNDER FORCE:</b> AS 4288-2003 Table 2, which states that Extension is not to be greater than 20% when a force of 40N is applied.	'Conforms' to standard Length: 0.9% Width: 1.1%
(a) <b>LOSS OF THICKNESS ON STATIC LOADING – Long Term</b> A.S/NZS 2111.14-1996 which states that thickness loss after static loading must not exceed 15% of original thickness.	'Conforms' to standard (a) 11.5%
(b) <b>LOSS OF THICKNESS ON DYNAMIC LOADING</b> A.S.2111.2-1978 which states that thickness after 1000 cycles must not exceed 15% of original thickness.	'Conforms' to standard (b) 8.2%
<b>WORK OF COMPRESSION</b> A.S 2288-2003 Table 2, which states that work of compression after dynamic loading must not be less than 50J/m <sup>2</sup> and no higher than 200J/m <sup>2</sup> and must retain at least 40% of its original work of compression.	'Conforms' to standard Retention: 122%
<b>RESISTANCE TO BREAKING &amp; CRACKING</b> A.S.4288 -2003 Table 2 which states that cracks no longer than 50mm in length and no cracks in any backing material.	'Conforms' to standard No cracks or breaks
<b>MEAN DEFLECTION @ 100Kpa AFTER DYNAMIC LOADING</b> A.S.4288 2003 Table 2, which states that no less than 1.5mm and not more than 9mm deflection be exceeded.	'Conforms' to standard 2-3mm
<b>THICKNESS DEVIATION</b> A.S.4288-2003 Table 2, @ 2Kpa which states no deviation greater than +/- 12%.	'Conforms' to standard 6.3% variation