



Gilt Edge Industries Ltd[®]

TECHNICAL DATA SHEET

Customer Services

CHC : 03 379 7067 or AKL: 09 443 7067

Email: help@giltedge.co.nz

Giltgrip Double Bond 5.5

Specialised Flooring Underlay System

Usage: For double-stick installation in commercial areas where a greater level of staff and client comfort is needed.

TECHNICAL DETAILS

Specifications	
Product Code	PU Foam / Textron Paper 5.5mm GGDB5.5
Gauge (mm)	5.5 +/- 0.3
Roll Width (mm)	1370
Roll length (m)	14.6
Roll Weight (kg)	16.5
Weight (kg/m3)	140
Construction	Textron Paper, PU Foam, Non-woven Fabric
Packaging	Clear bag 14.6m x 1.37m . Available ex-stock.

PERFORMANCE CHARACTERISTICS

Designation and description of intended use/application as per Figure 1 of AS 4288-2003.

HC - Heavy commercial use, suitable for heavy foot and wheel traffic and castor chairs

NOTE: This designation is calculated on the test results from dynamic loading and work of compression. The other performance requirements must also be met in order to label per AS 4288-2003 Date: 07.08.24

	5.5mm Double Sided
BREAKING FORCE: AS2001.2.3-1988, which states that breaking strength is not less than 50N.	'Conforms' to standard Length: 227N Width: 136N
EXTENSION UNDER FORCE: AS4288-2003 which states that Extension is not to be greater than 20% when a force of 40N is applied.	'Conforms' to standard Length: 6.5% Width: 1.1%
(a)LOSS OF THICKNESS ON STATIC LOADING-LongTerm AS2111.14:1996 which states that thickness loss after static loading must not exceed15% of original thickness.	'Conforms' to standard
(b)LOSS OF THICKNESS ON DYNAMIC LOADING AS2111.2:1996 which states that thickness after1000cycles must not exceed15% of original thickness.	'Conforms' to standard
WORK OF COMPRESSION AS4288-2003 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.	'Conforms' to standard
RESISTANCE TO BREAKING & CRACKING AS4288 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 AS4288-2003 Appendix A which states that no less than1.5mm and not more than 9mm deflection be exceeded.	'Conforms' to standard 3.2mm
THICKNESS DEVIATION AS2111.1-1978 @ 2Kpa which states no deviation greater than +/-12%.	'Conforms' to standard
ACOUSTIC 31dB impact sound reduction	Tested to ISO 10140-3

Backing Material:

Topside - Textron Paper **Downside** – Non-woven Fabric

Adhesives Underlay to Floor:

Giltgrip 66, Polymer 999, Giltgrip 22 , Roberts 80

Carpet to Underlay:

Giltgrip 22, Roberts 80

Advantages

Giltgrip Double Bond 5.5mm is a PU Foam underlay designed for Double Bond installation. It is produced in a continuous sheet with square trimmed edges. Double-stick system means rapid installation with no rucking or stretching of carpet.

Packaging

Clear bag 14.6m x 1.37m . Available ex-stock.

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