



Gilt Edge Industries Ltd[®]

TECHNICAL DATA SHEET

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Giltgrip Simlay Plus 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		Double Sided Textron Paper/ Hessian-4.7mm RULSIMPLUS
Product Code		
Gauge (mm)	+/-	4.7 0.3
Roll Width (mm)		1830
Roll length (m)		10
Roll Weight (kg)	+/-	26 5%
Weight (kg/m3)		306.5
Weight (g/m2)	+/-	1440 50
Construction		Textron Paper Latex Rubber Hessian
Packaging		Blue Plastic

PERFORMANCE CHARACTERISTICS (Requirements)

BREAKING FORCE: AS2001.2.3-1988, which states that breaking strength is not less than 50N.	4.7mm Double Sided 'Conforms' to standard Length: 621N Width: 595N
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:1.1% Width:0.8%
(a)LOSS OF THICKNESS ON TATIC LOADING–LongTerm AS2111.14:1996 which states that thickness loss after static loading must not exceed15% of original thickness. (b)LOSS OF THICKNESS ON DYNAMIC LOADING AS2111.2:1996 which states that thickness after1000cycles must not exceed15% of original thickness.	'Conforms' to standard (a) 6.3% 'Conforms' to standard (b) 6.7%
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 Retention: 86%
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 2.4mm
THICKNESS DEVIATION AS2111.1-1978 @ 2Kpa which states no deviation greater than +/-12%.	'Conforms' to standard 0.3%variation
ACOUSTIC DB RATING. NB: Excluding the Subfloor Impact Isolation Class (IIC rating) Underlay only: 26dB With Commercial Broadloom Carpet: 38dB	Reduction of impact sound pressure level according to ISO 10140-3/ ISO 717-2 Impact Sound Reduction (Delta Lw)

Backing Material: Topside - Textron Paper Downside – Hessian

Adhesives: Underlay to Floor: Giltgrip 66, Polymer 999, Giltgrip 22 , Roberts 80
 Carpet to Underlay: Giltgrip 22, Roberts 80

Advantages

Simlay Plus is a SBR rubber sponge 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. Up to 50% increase in carpet life compared with conventional & direct-stick methods. Anti-microbial. Anti-allergenic.

Packaging

Blue bag 10 m x 1.83m 26.3+/-1.0kg/roll. Available ex-stock. The underlay is packaged in a polyethylene wrap, which has the ends gathered and sealed with a twist tie wire and is spot welded across the open edge.