



Gilt Edge Industries Ltd

TECHNICAL DATA SHEET

Customer Services
 CHC : 03 379 7067 or AKL: 09 443 7067
 Email: help@giltedge.co.nz

Technical & Sales Assistance
 Email: help@giltedge.co.nz
 www.giltedge.co.nz

Giltgrip Supportapad Specialised Flooring Underlay System

Usage: Giltgrip Supportapad is a latex rubber sponge underlay designed for double bond installation of carpet tiles. Manufactured to the requirements of -AS 4288-2003 Underlays for Textile Floor Coverings.

TECHNICAL DETAILS –Giltgrip Supportapad

Specification		Double Sided Stitchbond Polyester/ Woven polypropylene (Action Back) 3.4mm RULGGSP
Product Code		
Gauge (mm)	+/-	3.4 0.3
Roll Width (mm)		2000
Roll length (m)		10
Roll Weight (kg)		22.5
Weight (g/m2)	+/-	1100 50
Construction		Stitchbond Polyester Latex Rubber Woven polypropylene (Action Back)
Packaging		Clear Plastic

PERFORMANCE CHARACTERISTICS (Requirements)

	3.4mm Double Sided
BREAKING FORCE: A.S.2001.2.3-1988, which states that breaking strength, is not less than 50N.	Complies 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.	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. (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 (a) 8.8% 'Conforms' to standard (b) 7.0 %
WORK OF COMPRESSION 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: 86%
RESISTANCE TO BREAKING & CRACKING AS 4288-2003 Appendix B which states that cracks no longer than 50mm in length and no cracks in any backing material.	Complies
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.	Complies 2mm
THICKNESS DEVIATION A.S./NZS.2111.1-1996 @ 2Kpa which states no deviation greater than +/- 12%.	Complies
ACOUSTIC DB RATING. NB: Excluding the Subfloor Impact Isolation Class (IIC rating) Underlay only: 20dB With Commercial Carpet Tile: 34dB	Reduction of impact sound pressure level according to ISO 10140-3/ ISO 717-2 Impact Sound Reduction (Delta Lw)

Backing Material: Topside - Stitch bonded polyester **Downside** – Woven polypropylene (Action Back)

Adhesives: Underlay to Floor: Carpet Adhesive: Giltgrip 22 or Roberts 80 or Pressure Sensitive Adhesive: Giltgrip 66 or Polymer 999

Carpet Tile to Underlay: Pressure Sensitive Adhesive: Giltgrip 66 or Polymer 999 Or Carpet Adhesive (If required):
 Giltgrip 22 or Roberts 80