



Gilt Edge Industries Ltd

# TECHNICAL DATA SHEET

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## 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)<br>3.4mm<br><b>RULGGSP</b> |
|------------------|-----|---|
| Product Code     |     |   |
| Gauge (mm)       | +/- | 3.4<br>0.3  |
| Roll Width       |     | 1.83mtr   |
| Roll length (m)  |     | 10  |
| Roll Weight (kg) |     | 22.5  |
| Weight (g/m2)    | +/- | 1100<br>50  |
| Construction     |     | Stitchbond Polyester<br>Latex Rubber<br>Woven polypropylene (Action Back)                       |
| Packaging        |     | Clear Plastic   |

### PERFORMANCE CHARACTERISTICS (Requirements)

|  | 3.4mm Double Sided  |
|--|---|
| BREAKING FORCE:<br>A.S.2001.2.3-1988, which states that breaking strength, is not less than 50N.   | Complies<br>Length: 621N<br>Width: 595N   |
| EXTENSION UNDER FORCE:<br>AS 4288-2003 which states that Extension is not to be greater than 20% when a force of 40N is applied.   | Complies<br>Length: 1.0%<br>Width: 1.2%   |
| (a)LOSS OF THICKNESS ON STATIC LOADING – Long Term<br>AS 2111.14-1996 which states that thickness loss after static loading must not exceed 15% of original thickness.<br>(b)LOSS OF THICKNESS ON DYNAMIC LOADING<br>AS 2111.2-1996 which states that thickness after 1000 cycles must not exceed 15% of original thickness. | 'Conforms' to standard<br>(a) 8.8%<br>'Conforms' to standard<br>(b) 7.0 %   |
| WORK OF COMPRESSION<br>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<br>Retention: 86%  |
| RESISTANCE TO BREAKING & CRACKING<br>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<br>AS 4288-2003 Appendix A which states that no less than 1.5mm and not more than 9mm deflection be exceeded.   | Complies<br>2mm   |
| THICKNESS DEVIATION<br>A.S./NZS.2111.1-1996 @ 2Kpa which states no deviation greater than +/- 12%.   | Complies  |
| ACOUSTIC DB RATING.<br>NB: Excluding the Subfloor Impact Isolation Class (IIC rating)<br>Underlay only: 20dB<br>With Commercial Carpet Tile: 34dB  | Reduction of impact sound pressure level according to ISO 10140-3/ ISO 717-2<br>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