



GILTGRIP XCELLAY 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 Xcellay underlay is as follows:

TECHNICAL DETAILS

| Specification | 4.7mm Double Sided Paper Hessian |
|-------------------------------|---|
| Gauge (mm) | 4.7 |
| | +/- 0.3 |
| Roll Width (cm) | 183 |
| Roll length (m) (or to order) | 11 & 15 |
| Roll Weight (kg) | 29.0 & 39.5 |
| Weight (g/m ²) | 1440 |
| | +/- 50 |
| Construction | Textron Paper Latex Rubber 230g Hessian |
| Colour | Clear 11mtr / White 15mtr |
| Packaging | Plastic |

PERFORMANCE CHARACTERISTICS (Requirements)

| | 4.7mm Double Sided |
|--|---|
| BREAKING FORCE: A.S.2001.2.3-1988, which states that breaking strength is not less than 50N. | ‘Conforms’ to standard Length: 621N Width: 595N |
| EXTENSION UNDER FORCE: A.S.4288(INT)-1995 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 STATIC LOADING – Long Term A.S.2111.14-1978 which states that thickness loss after static loading must not exceed 15% of original thickness. | ‘Conforms’ to standard (a) 6.3% |
| (b)LOSS OF THICKNESS ON DYNAMIC LOADING A.S.2111.2-1978 which states that thickness after 1000 cycles must not exceed 15% of original thickness. | ‘Conforms’ to standard (b) 6.7% |
| WORK OF COMPRESSION A.S.4288 (INT)-1995 Appendix A which states that work of compression after dynamic loading must not be less than 50J/m ² and no higher than 200J/m ² and must retain at least 40% of its original work of compression. | ‘Conforms’ to standard Retention: 86% |
| RESISTANCE TO BREAKING & CRACKING A.S.4288(INT) 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 A.S.4288(INT)-1995 Appendix A which states that no less than 1.5mm and not more than 9mm deflection be exceeded. | ‘Conforms’ to standard 2.4mm |
| THICKNESS DEVIATION A.S.2111.1-1978 @ 2Kpa which states no deviation greater than +/- 12%. | ‘Conforms’ to standard 0.3% variation |