



Floating Floor

'Underlay'

MOISTURE GUARD - MG320

ENGINEERED FLOATING FLOOR UNDERLAY

Suitable for installation under all laminate & timber floating floors

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|--|-------------------------|---------|----------------------------|
| THICKNESS: | 3MM with 200 UM PE Film | LENGTH: | 20 LM (20 M ²) |
| DENSITY: | 250 KG/M ³ | WIDTH: | 1M + 200mm Overlap |
| 200UM PE Film for moisture suppressant as per Australian Standards Fitted Double Sided Joining Tape | | | |

Before installing MJS Floating Floor underlay, it is recommended that a moisture test be carried out on the subfloor. For timber, plywood and particleboard subfloors the moisture content should be below 14%. For concrete subfloors, readings should be below 90% relative humidity when assessed to ASTM F2170 or below 4.5% moisture content by impedance meter. If values exceed those outlined, further advice should be sought.

Note that the underlay has a moisture vapour barrier layer but this is not intended to protect against excessive or abnormal subfloor moisture and as such, is not a waterproof membrane.



www.mjsfloorcoverings.com.au

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Product Description

Moisture Guard MG320 is a Double Sided Laminate PE Film 3mm thick underlay designed exclusively for use under all Laminate & Timber Floating Floors. It is a closed cell polyolefin foam structure with a 200UM polyethylene plastic sheet as per the ATFA's Engineered Flooring Industry Standard 2018.

Product Application

Moisture Guard is manufactured with an integrated membrane to stop the transference of moisture and moisture vapour when correctly installed. The product is fitted with a joining "flap" and joining tape to stop the transference of any moisture within joins. Moisture Guard is installed between the engineered timber or laminate flooring and the subfloor, whether it be concrete or timber substrate.

Installation is as follows:

- Subfloor must be dry, clean and smooth. The subfloor must have any sharp objects removed.
- Roll out the Moisture Guard, black plastic down.
- The Moisture Guard may be walked on during installation as long as the footwear has no protruding surfaces attached, which may damage the surface of the underlay.
- Remove protective cover off the joining tape and roll the next roll out adjacent allowing the joining tape and the "flap" to meet and seal.
- Once the entire area has had the Moisture Guard installed, the installation may proceed with the Engineered Timber or Laminate Flooring

Storage

Moisture Guard must be stored in a building protected from moisture and direct sunlight.

FEATURES, BENEFITS & TECHNICAL INFORMATION

3mm Acoustic IXPE with 200 UM PE Film

Testing for moisture content in subfloors must be carried out as per AS1884-2012 Appendix A

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|--|---|
| ➤ Polyolefin foam with closed cell structure | ➤ Thickness Supplied: 3.0mm + 200UM PE |
| ➤ Dimensions: Rolls of 20LM x 1.1M wide | ➤ Total Surface Area: 20 m ² |
| ➤ Density: 250 Kgs/m ³ | ➤ Floor Rating L'nT,w (FIIC): 43 (60) |
| ➤ Concrete Slab Rating L'nT,w (FIIC): 63 (36) | ➤ Δ L'nT,w reduction: 20 |
| ➤ Water Vapour Trans. Rate: ASTM E96 1.6g/m ² 24 hr | ➤ Water Absorption 28 Days: JIS 6767 0.01mg/cm ² |
| ➤ Compr. Strength (25% Comp) ISO844 70kpa | ➤ Top Side contains reinforced damp proof membrane in PE |
| ➤ With self-adhesive strip (Waterproof tape 50mm) | ➤ Overlap: 200mm |
| ➤ 100% VAPOUR BARRIER | ➤ 100% MOULD & MILDEW RESISTANT |

The above floor impact ratings (L'nT,w and FIIC) are site specific; therefore the above ratings are only indicative. The L'nT,w/FIIC rating changes depends upon the overall floor/ceiling system.

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