

## Silent Shield Underlay

### Product:

Physically cross linked, closed cell, grey polymeric foam, heat laminated to a silver polymeric film (Damping proofing membrane)

### Roll Size:

Roll Width is 1000mm, plus an additional 100mm film overlap.  
 Roll Length is 50m.

### Acoustic:

Floor	FIIC	L'n,w+C
8mm high Pressure Laminate / 2mm Silent Shield underlay with film backing	57	47
7mm high Pressure Laminate / 2mm Silent Shield underlay with film backing	59	49
7mm Plywood based timber floating floor / 2mm Silent Shield underlay with film backing	56	49
14 mm timber floating floor / 2mm Silent Shield underlay with film backing	57	49

### Comments:

1. A lower L'n,w+C represents a greater acoustic separation (**The 2004 BCA Criteria for separation of hard floors is L'n,w+C of 62 or lower**)
2. A higher FIIC represents a better impact isolation performance of the floor system.

### Key functions of Silent Shield underlay:

1. Good impact sound insulator.
2. Excellent water vapour barrier.
3. Absorbs unevenness in the sub floor.
4. Lays flat for easy installation.
5. Resists mildew and fungi.
6. Combines all in one – plastic sheeting plus underlay.

### Installation Instructions:

1. Floor must be clean, smooth, level, and dry.
2. Unroll underlay plastic film facing concrete.
3. Lay with underlay edges butting to each other with film lap underneath.
4. Fold underlay 50mm up the wall surrounds.
5. Cover all joints with duct tape.



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