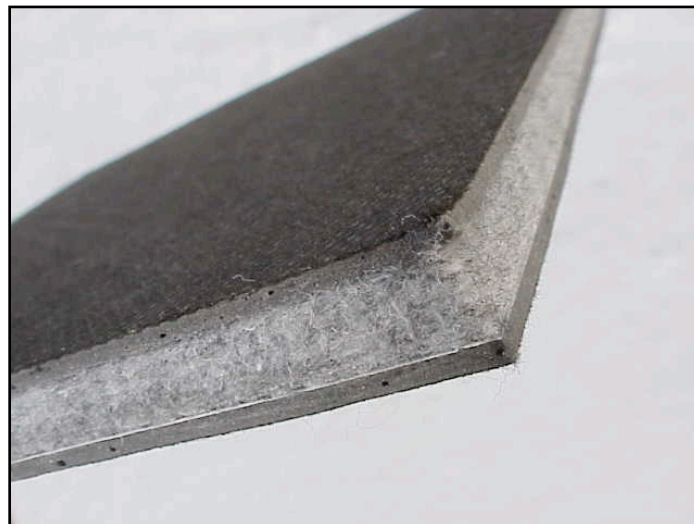




ANGEL STEP[®] ACOUSTIC UNDERLAY

Treatment of Impact and Airborne Noise transfer through Floors

Angel Step[®] is an acoustic underlay for carpet and solid timber or laminate floating floors. Angel Step's construction combines a highly effective support and cushion for floating floors. It provides maximum performance for minimum thickness combining an impact and vibration damping and sound absorber with a decoupled noise barrier.



Angel Step[®] comprises an 8 mm layer of double needle punched polyester matting sandwiched between 4 kg/m² 'visco-elastic' polymer flexible noise barriers.

When laid over timber floors the first barrier in contact with the floor seals and damps the flooring substrate (T&G, ply, chipboard, marine ply). For concrete floors Angel Step[®] can be ordered without the bottom noise barrier.

The resilient polyester middle core layer absorbs impact energy and residual airborne noise from above and below, transforming wave vibrations into heat energy.

The 'decoupled flexible floating' top noise barrier greatly reduces airborne sound waves - noise above or below the floor - and complies with the Building Code of Australia in respect to separating floors between adjoining dwellings.

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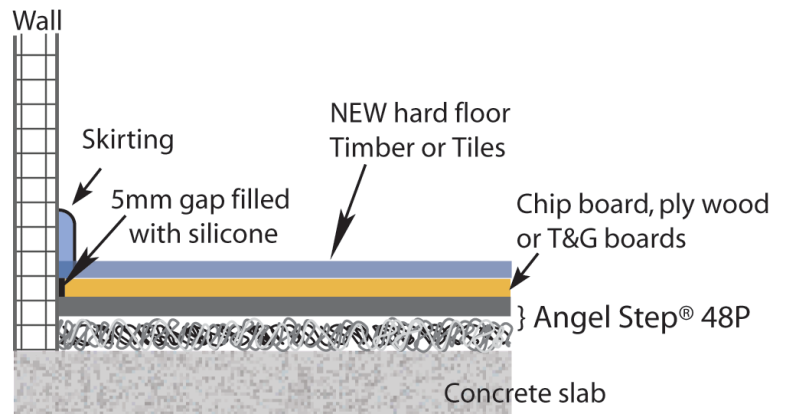
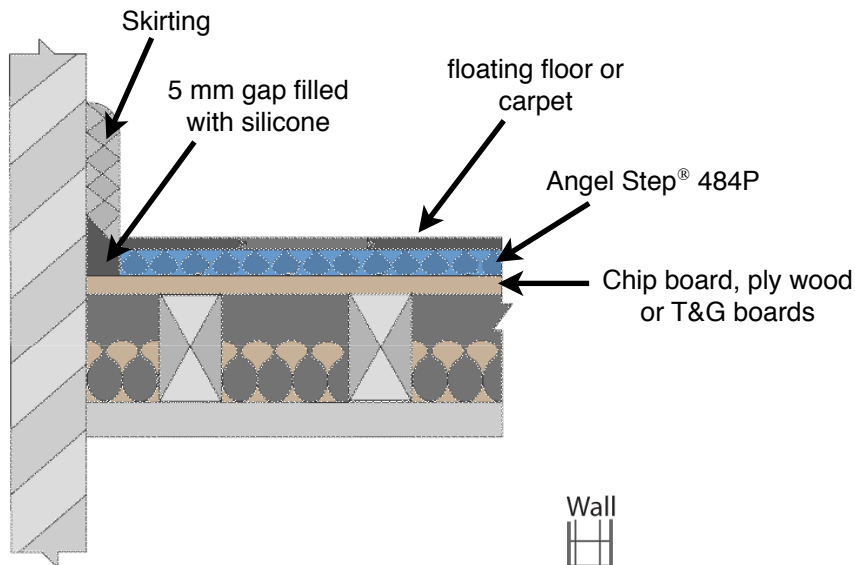
SUPPLY DETAILS

Angel Step®	Barriers	Thickness	Size	Weight	Use Over
484P	2	12 mm	1150 x 1150 mm	9 kg/m ²	Timber/Ply/MDF
48P	1	10 mm	1150 x 1150 mm	5 kg/m ²	Concrete Floors

Angel Step® is fire-rated to international and Australian standards. Tested to AS 1530.3, Angel Step® has the following results:

- 🍌 Flammability = 0
- 🍌 Spread of Flame = 0
- 🍌 Heat Evolved = 0
- 🍌 Smoke Developed = 0-1

Angel Step® is moisture resistant. Exposure to an atmosphere of 50°C and 95% relative humidity for four days showed that Angel Step® has a moisture absorption rate of less than 2% by volume.



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