



Impact Noise Insulation

**HIGH AUSTRALIAN AND
INTERNATIONAL STANDARDS.
INNOVATIVE SOLUTIONS.
THERMOTEC IMPACT PERFORMS.**

- > *Eco-friendly*
- > *Recyclable*
- > *High Performance*
- > *Fibre Free*
- > *Economical*
- > *Exceeds BCA 2010 standards*

▶ *“Thermotec Impact Products exceed BCA 2010 Floor isolation benchmarks by a large margin *”*

Looking for high performance Acoustic Insulation that will ensure your development will meet the impact noise ratings in BCA 2010?

Don't redesign your project to accommodate expensive or bulky insulation systems, choose flexible isolation products that will fit with your ideas. Wet areas, dry areas, any hard surface flooring with Thermotec Impact.

*test reports available upon request.

BCA 2010 states:

F5.4 (a) A Floor in class 2 or 3 building must have an $R_w + C_{tr}$ (airborne) not less than 50 and an $L_n, w + C_I$ (impact) not more than 62 if it separates -

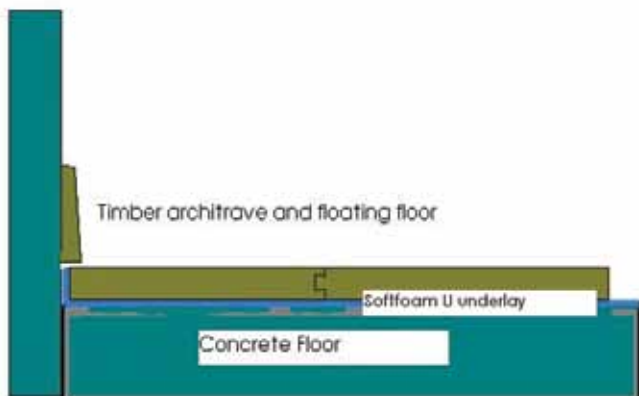
- (i) *sole occupancy units: or*
- (ii) *a sole occupancy unit from a plant room, lift shaft, stairway, public corridor, public lobby or the like, or parts of a different classification*

(b) A floor in class 9c aged care building separating sole occupancy units must have an R_w not less than 45.



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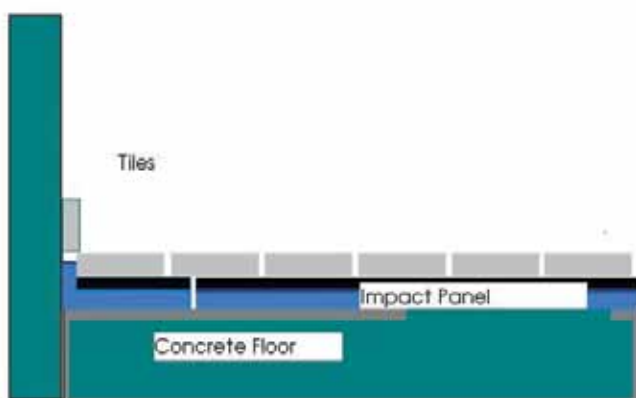
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FLOATING TIMBER FLOORS

Thermotec Softfoam U

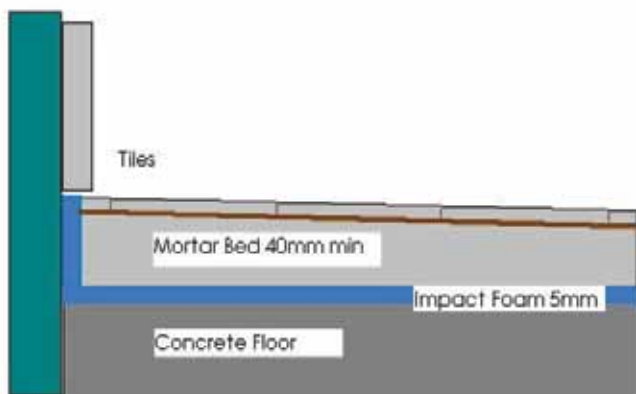
LDPE foam underlay, 2mm thick applied over concrete, under floating timber or laminate floors. Apply PP tape to butt joints. Return edges at wall to isolate floor from walls. 2mm x 1m x 50m
Field test result L'nT,w+C1 = 49.



HARD SURFACE FLOORS (Flat areas- eg Kitchens, Family , Dining rooms)

Thermotec T65CFC Impact Panels

10mm thick glued to concrete using moisture cured PU adhesive. Apply 40mm edge strip of 5mm LDPE foam to walls. Allow "business card thickness" gap between panels when setting out and use resilient adhesives to adhere floor coverings such as tiles, or parquetry. 10mm x 900mm x 1200mm
Field test result Ln,r,w: = 54.



HARD SURFACE FLOORS (Wet areas or with falls to waste-eg Bathrooms, Laundries.)

Thermotec Impact Foam 5mm

Applied to concrete plain or with self adhesive backing over waterproof membrane (Refer to AS 3740: Waterproofing of wet areas within residential buildings). Return edge strip of foam to walls to isolate mortar bed from adjoining walls. 5mm x 1m x 50m
Field Test Result L'nT,w+C1 = 44.

AUTHORISED SUPPLIER / INSTALLER:

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