



Karndean Gluedown Luxury Vinyl Flooring

(with 3mm underlay)

Classic Lined Oak KP97

Karndean Gluedown LVT with 3mm underlay

Acoustic rating results

Ceiling construction		Construction			
Thickness/Layers	Cavity Insulation Present?	120mm Concrete Ln,w (AAAC rating)	150mm- Concrete Ln,w (AAAC rating)	180mm Concrete Ln,w (AAAC rating)	200mm Concrete Ln,w (AAAC rating)
No plasterboard ceiling (bare slab)	N/A	60dB ★★	58dB ★★★	56dB ★★★	56dB ★★★
1 x 10mm plasterboard (100 mm cavity, suspended light steel grid with 450mm spacing. Insulation is pink ceiling bats R2.5)	No	56dB ★★★	54dB ★★★	53dB ★★★	52dB ★★★★
	Yes	46dB ★★★★★	44dB ★★★★★	43dB ★★★★★	45dB ★★★★★
1 x 13mm plasterboard (200 mm cavity, suspended light steel grid with 450mm spacing. Insulation is pink ceiling bats R2.5)	No	51dB ★★★★	49dB ★★★★	48dB ★★★★	47dB ★★★★
	Yes	41dB ★★★★★	40dB ★★★★★	38dB ★★★★★	37dB ★★★★★
2 x 13mm plasterboard (200 mm cavity, suspended light steel grid with 450mm spacing. Insulation is pink ceiling bats R2.5)	No	47dB ★★★★	46dB ★★★★	44dB ★★★★	43dB ★★★★
	Yes	40dB ★★★★★	38dB ★★★★★	36dB ★★★★★	35dB ★★★★★

- Exceeds NCC acoustic standards
- Meets NCC acoustic standards
- Does not meet NCC acoustic standards

The NCC sets a benchmark level of **62dB or less** for vinyl floor coverings in commercial applications