



Karndean LooseLay

(with no underlay)

□ Stamford LLP109

Karndean LooseLay with no underlay

Acoustic rating results

Ceiling construction	
Thickness/Layers	Cavity Insulation Present?
No plasterboard ceiling (bare slab)	N/A
1 x 10mm plasterboard (100 mm cavity, suspended light steel grid with 450mm spacing. Insulation is pink ceiling bats R2.5)	No
	Yes
1 x 13mm plasterboard (200 mm cavity, suspended light steel grid with 450mm spacing. Insulation is pink ceiling bats R2.5)	No
	Yes
2 x 13mm plasterboard (200 mm cavity, suspended light steel grid with 450mm spacing. Insulation is pink ceiling bats R2.5)	No
	Yes

Construction			
120mm Concrete	150mm Concrete	180mm Concrete	200mm Concrete
Ln,w (AAAC rating)	Ln,w (AAAC rating)	Ln,w (AAAC rating)	Ln,w (AAAC rating)
67dB ★★	64dB ★★	62dB ★★	61dB ★★
57dB ★★★	55dB ★★★	53dB ★★★	52dB ★★★★
48dB ★★★★	45dB ★★★★★	44dB ★★★★★	43dB ★★★★★
52dB ★★★★	50dB ★★★★	48dB ★★★★	47dB ★★★★
46dB ★★★★★	44dB ★★★★★	42dB ★★★★★	41dB ★★★★★
49dB ★★★★	47dB ★★★★★	45dB ★★★★★	44dB ★★★★★
46dB ★★★★★	43dB ★★★★★	41dB ★★★★★	40dB ★★★★★

- 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