

Impact Insulation Classification	With Ceiling				Without Ceiling	
Finish Floors	Wood Joists and Trusses		Concrete Deck		Concrete Deck	
	Direct Attachment	Acoustic Pad System	Direct Attachment	Acoustic Pad System	Direct Attachment	Acoustic Pad System
None	43	52	40	64	27	51
Vinyl Plank (LVT)	43	54	40	64	27	51
with pad	64	75	62	85	49	72
Engineered Wood with pad	47	58	45	68	32	55
Wood Strips	43	54	40	64	27	51
with pad	49	58	45	69	32	55
Porcelain, Stone or Ceramic Tile	28	54	40	64	27	51
with crack isolation pad	32	58	45	69	32	55
Polished Concrete	32	58	45	68	32	55
Carpet with pad	53	72	66	82	53	69
Sound Transmission Classification	54	55-61	54	55-61	51	61