



Legend	Outside to Inside Sound Insulation	Total Daytime Equivalent Area
	10dB	0.50
	11dB	0.40
	12dB	0.30

13/05/2026	P01	Planning Application	AW
DATE	REV	DESCRIPTION	BY

PROJECT: Imberhorne Lane
TITLE: Daytime Equivalent Area
REF: PA2091-ACO-00-P01



Notes
EA = Equivalent Area. Measurements and derivation of outside to inside level difference have been based on the recommendations within the Institute of Acoustics / Association of Noise Consultants document *Approved Document O Noise Guide* and research by [Peninsular Acoustics](#). EA based on smallest room fronting the spine road. Bedrooms with 20m² or more may benefit from additional specific calculations. Actual EA for UKO modelling will be based on actual window openings and room sizes. The exposure is based upon daytime L_{Aeq,16hr} only, further plots may require assessment as part of the Building Regulations process.