

RECOMMENDED REVERBERATION TIMES

BUSINESS	Recommended reverberation time in seconds
Office	0,5 - 0,8 (building regulations: max 0.8)
Call centre	0,5 - 0,8
Meeting room	0,6 - 0,8 (building regulations: max 0.8)
Reception area	0,6 - 1,0 (building regulations: max 1.0)
Waiting room	0,7 - 1,0 (building regulations: max 1.0)
Doctor's practice	0,6 - 0,8 (building regulations: max 0.8)
Doctor's office	0,5 - 0,6 (building regulations: max 0.6)

SPORTS FACILITIES	Recommended reverberation time in seconds
Swimming pool	1,2 - 1,5 (building regulations: max 1.5)
Sports hall	1,2 - 1,5 (building regulations: max 1.5)

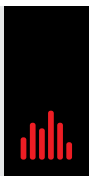
EDUCATION	Recommended reverberation time in seconds
Classroom (theoretical)	0,5 - 0,8 (building regulations: max 0.8)
Classroom (praktical)	0,6 - 0,8 (building regulations: max 0.8)
Nursery	0,5 - 0,8 (building regulations: max 0.8)
Sports area	1,2 - 1,5 (building regulations: max 1.5)

CATERING ESTABLISHMENTS	Recommended reverberation time in seconds
Restaurant	0,5 - 0,7
Cosy pub	0,5 - 0,7
Bar with music	0,8 - 1,0

MUSIC STUDIO	Recommended reverberation time in seconds
Recording studio	0,2 - 0,4
Rehearsal room	0,7 - 0,9

INDUSTRIAL BUILDINGS	Recommended reverberation time in seconds
Distribution centre	0,7 - 1,0
Warehouse	0,7 - 1,0
Workshop	0,7 - 1,0

HOME	Recommended reverberation time in seconds
Lounge	0,4 - 0,7
Home theatre	0,3 - 0,5



LOBBY / GROOVED

This sober yet classy reception hall of a company was optimised acoustically by means of Woodcoustics TYPE Db (applied to walls and furniture).

Volume	165,75 m ³
Number of m ² TYPE Db	26,7 m ²
reverberation time RT60 before	2,49 seconds
Recommended reverberation time	0,6-1 seconds
RT60 reverberation time after installation	0,87 seconds

Installation of 26,7 m² TYPE Db acoustic wall panels.

