

DIN EN ISO 10052:2021-11 (E)

Acoustics - Field measurements of airborne and impact sound insulation and of service equipment sound - Survey method (ISO 10052:2021)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Single number quantities	12
5	Instrumentation	13
6	Test procedure and evaluation	13
6.1	General	13
6.2	Generation of sound field	13
6.2.1	General	13
6.2.2	Airborne sound insulation between rooms	14
6.2.3	Impact sound insulation between rooms	14
6.2.4	Airborne sound insulation of façades	14
6.3	Measurement of sound pressure levels	15
6.3.1	Airborne and impact sound insulation between rooms	15
6.3.2	Heavy/soft impact sound insulation between rooms	16
6.3.3	Airborne sound insulation of façades	16
6.3.4	Service equipment sound pressure level	17
6.4	Frequency range of measurements	17
6.5	Reverberation index data	17
6.6	Precision	21
7	Expression of results	21
7.1	Airborne sound insulation	21
7.2	Impact sound insulation	21
7.3	Service equipment sound pressure level	22
8	Test report	22
Annex A (informative) Forms for the expression of results		24
Annex B (normative) Operating conditions and operating cycles for measuring the maximum sound pressure level and the equivalent continuous sound pressure level		31
Bibliography		38