

DIN EN 16205:2021-02 (E)

Laboratory measurement of walking noise on floors

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Principle	7
5	Test arrangement	7
5.1	Test facilities	7
5.2	Equipment	7
5.3	Mounting of the specimens	8
6	Test procedure	8
7	Evaluation of results	9
8	Precision	9
9	Expression of results	10
10	Test report	10
Annex A(informative) Presentation of the walking noise spectrum with uncertainty bars (example) .		11
Annex B(normative) Reference spectrum for laboratory bare floors		12
Annex C(informative) Fixing the pads below the tapping machine		13
Annex D(informative) Background of the measuring method		14
Annex E(informative) Calculation of perceived walking loudness on floor coverings installed floating		16
Bibliography		18