

DIN EN ISO 10140-5:2014-09 (E)

Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment (ISO 10140-5:2010 + Amd.1:2014) (includes Amendment A1:2014)

Contents	Page
Introduction	5
1 Scope	7
2 Normative references	7
3 Laboratory test facilities for airborne sound insulation measurements	8
4 Laboratory test facilities for impact sound insulation measurements	14
5 Equipment	15
Annex A (normative) Estimation of the maximum measurable sound reduction index	16
Annex B (normative) Standard basic elements for measuring the improvement of airborne sound insulation by linings	19
Annex C (normative) Standard floors for measuring the improvement of impact sound insulation by floor coverings	23
Annex D (normative) Qualification procedure for loudspeakers and loudspeaker positions	29
Annex E (normative) Standard tapping machine	33
Annex F (normative) Alternative impact sound sources	35
Annex G (normative) Wooden mock-up floor for measuring the improvement of impact sound insulation by floor coverings	40
!Annex H (normative) Specification of heavy and intense rain with example of a tank with perforated base	41
!Annex I (informative) Reference test specimens for rainfall sound measurements	45
Bibliography	47