

거주공간에서 뜬바닥 구조에 사용하는 동탄성계수 측정방법

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Determination of dynamic stiffness for materials used under floating floors in dwellings

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Key Words : dynamic stiffness, floating floor, sound insulation

Abstract : This part of specifies the method for determining the dynamic stiffness of resilient materials used under floating floors. Dynamic stiffness is one of the parameters that determine the sound insulation of such floors in dwellings. This part applies to the determination of dynamic stiffness per unit area of resilient materials with smooth surfaces used in a continuous layer under floating floors in dwellings

경량바닥구조의 바닥충격음 저감량 실험실 측정방법 고찰

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Review of measurement of impact sound improvement for light-weight floor

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Key Words : ISO 140-11, Measurement of impact sound improvement

Abstract : ISO 140-11 specifies a method for measuring the acoustic properties of floor coverings from the view-point of reducing impact sound transmission. This test method is limited to the specification of procedures for the physical measurement of sound originating from an artificial impact source under laboratory conditions. In this study, ISO 140-11 was reviewed to applicable to domestic floor coverings installed on lightweight floors.