

매단 천장의 실간 공기전달음 차단성능 측정방법의 KS규격화 방안

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Korean Standard Draft of the Laboratory Method of Measuring the Airborne Sound Insulation of a Suspended Ceiling

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Key Words : Korean Standard, suspended ceiling, airborne sound insulation, test facility

Abstract : Offices and other multipurpose buildings commonly have suspended ceilings installed over room dividing wall. But Korean Standards don't include any code on test methods and test facility of the suspended ceiling system. Therefore, test methods and test facility from ISO and ASTM have been used for evaluating sound performance in domestic so far. In this study, Korean Standards draft on test methods and test facility of suspended ceiling system and materials is proposed on the basis of ISO and ASTM.

Sound Intensity를 이용한 건물부재의 차음성능 실험실 측정방법 KS규격 제정안

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Abstract : In this study, the ISO 15186-1 "Measurement of sound insulation in buildings and of building elements using sound intensity - Part 1 : Laboratory conditions" was reviewed in order to make it as a new Korean Industrial Standard. Several main contents are discussed and a new Korean Industrial Standard is proposed.