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Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements

Acoustique — Meubles, écrans et objets uniques destinés à usage intérieur — Note de l'absorption acoustique et de réduction acoustique des éléments basée sur des mesures en laboratoire

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Foreword

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This document was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*.

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Introduction

The interior design industry is progressing rapidly, and the acoustic characteristics of products have become an important technical aspect in the design of new products. Currently, interior design products are generally not well defined in terms of their acoustic characteristics, often leading to confusing and misleading product specifications and marketing materials. Further, it is often unclear how a product's reported acoustic characteristics are to be applied to determine its acoustic impact in a furnished room.

This document is intended to clarify the acoustic characteristics, and their application, for various interior design products. This is accomplished by a standardized test methodology for the measurement of sound absorption, and defining when an interior product is to be considered as a single object.

This document is intended to facilitate the measurement and evaluation procedure for any interior product currently on the market. By using it, different interior design products can be compared to each other in an equal manner. Additionally, product acoustic characteristics evaluated according to this document can be applied for room acoustic modelling and calculations.