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**Resilient floor coverings — Determination  
of overall thickness**

*Revêtements de sol résilients — Détermination de l'épaisseur totale*



Reference number  
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## Foreword

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# Resilient floor coverings — Determination of overall thickness

## 1 Scope

This International Standard specifies a method for determining the overall thickness of resilient floor coverings.

## 2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 2.1

#### **overall thickness**

vertical distance between two parallel plates where a resilient floor covering is inserted under a specified load

## 3 Principle

The test piece is placed between two parallel plates, and the distance between them is measured, the contact pressure being adapted to suit the structure of the test piece.

## 4 Apparatus

### 4.1 Movable circular upper plate.

For various types of resilient floor covering structures, the diameter of the upper plate, the applied mass, the area and the pressure shall be in accordance with Table 1.

### 4.2 Fixed lower plate, at least equal to size of the upper plate and at least 15 cm<sup>2</sup>.

### 4.3 Dial gauge, to measure the distance between the plates to an accuracy of 0,01 mm.

### 4.4 Weighted ring or horseshoe (500 g), to hold the perimeter of the specimen uniformly flat against the fixed lower plate.

## 5 Sampling and selection of specimens

### 5.1 Sheet material

Take two representative samples from a roll, one from each end, or from the beginning of two rolls. From each sample, cut a test piece a minimum of 100 mm across the full width of the sample (see Figure 1).