IRISH STANDARD

**I.S. EN 15586:2008**

ICS 59.040

# TEXTILES - METHODS OF TESTING THE

# FIBRE PROOF PROPERTIES OF FABRICS:

# RUBBING TEST

**Price Code     F**

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**I.S. EN 15586:2008**

EUROPEAN STANDARD

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English Version

## Textiles - Methods of testing the fibre proof properties of fabrics: Rubbing test

Textiles - Méthodes d'essai des tissus pour l'étanchéité aux fibres: essai par frottement

Textilien - Verfahren zur Prüfung der Faserdichtigkeit von Geweben: Reibverfahren

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EN 15586:2008 (E)

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# Foreword

This document (EN 15586:2008) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2008, and conflicting national standards shall be withdrawn at the latest by November 2008.

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**EN 15586:2008 (E)**

## 1   Scope

This European Standard describes a method for the determination of the fibre-proof properties of a fabric using a rubbing apparatus, when the fabric is tested against the filling material (either loose fibre or wadding) that will be used in the final product. This European Standard is applicable to all types of bedding articles, clothing and quilted products filled with textile materials.

## 2   Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12132-1, *Feather and down — Methods of testing the down proof properties of fabrics — Part 1: Rubbing test*

EN ISO 5084, *Textiles — Determination of thickness of textiles and textile products (ISO 5084:1996)*

EN ISO 139, *Textiles — Standard atmospheres for conditioning and testing (ISO 139:2005)*

ISO 4915, *Textiles — Stitch types — Classification and terminology*

## 3   Terms and definitions

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

**3.1**
**filling material**
loose fibres or a loosely cohering sheet of fibres used for wadding and padding

**3.2**
**wadding**
loosely cohering sheet of fibres, which may be bonded, used for padding, upholstery, stuffing, packing or similar purposes

## 4   Principle

A cushion of specified dimensions is made from the fabric to be tested and filled with a given amount of the loose fibres or wadding that will be used in the final product. The cushion is mounted in an apparatus and undergoes a specified number of rubbings. The number of fibres that have protruded from (or passed through) the fabric is counted.

## 5   Apparatus

### 5.1   Rubbing apparatus

The same apparatus as used for testing the down proof properties is used. The apparatus is described in EN 12132-1.

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