

SLOVENSKI STANDARD

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Manufactured articles solely filled with feather and down - Requirements for upholstered parts and cushions

Manufactured articles solely filled with feather and down - Requirements for upholstered parts and cushions

Fertigartikel gefüllt mit Federn und Daunen - Anforderungen an gepolsterte Teile und Kissen

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Articles manufacturés garnis de plumes et duvets - Exigences pour les parties rembourrées et les coussins

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59.040	Pomožni materiali za tekstilije	Textile auxiliary materials
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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

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May 2003

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**Manufactured articles solely filled with feather and down -
Requirements for upholstered parts and cushions**

Articles manufacturés garnis de plumes et duvets -
Exigences pour les parties rembourrées et les coussins

Fertigartikel gefüllt mit Federn und Daunen - Anforderungen
an gepolsterte Teile und Kissen

This European Standard was approved by CEN on 14 March 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 13854:2003) has been prepared by Technical Committee CEN /TC 222, "Feather and down as filling material for any article, as well as finished articles filled with feather and down" the secretariat of which is held by UNI.

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 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

Cushions and other upholstered solely filled with feathers and/or down are manufactured articles consisting of a filling enclosed within a primary tick having special characteristics for retaining it. Such an article can be fitted into a cover of other fabric or of other material like leather etc. It can be used as a seat or back cushions on sofas, armchair and the like, as armrest or as decorative element. It is important to stress that the feather and/or down filling is a loose material without a proper shape, i.e. it is not bound, not interlaced, not woven.

These articles are used in various manners, depending on:

- a) a functional use (i.e. they are a part of an upholstered piece of furniture, for instance a seat cushion of an armchair);
- b) a decorative use (i.e. the article is not an integral part of the piece of furniture).

It is necessary to stress that the producer of an upholstered piece of furniture does not always manufacture the cushion or other upholstered parts himself but has them manufactured by a converter.

1 Scope

This European Standard specifies the characteristics for new semi-finished products, i.e. cushions and other upholstered elements solely filled with feathers and/or down, to their primary tick and their filling.

It does not apply to their cover nor to support they are meant for.

Characteristics to be agreed upon by the purchaser and the converter are given in Annex A (informative).

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

- | | |
|------------|--|
| EN 1883 | <i>Feather and down - Sampling in view of tests</i> |
| EN 12131 | <i>Feather and down - Test methods - Determination of the quantitative composition of feather and down (manual method)</i> |
| EN 12132-1 | <i>Feather and down - Methods for testing the down proof properties of fabrics - Part 1: Rubbing test</i> |
| EN 12934 | <i>Feather and down - Composition labelling of processed feathers and down for use as sole filling material</i> |
| EN 12935 | <i>Feather and down - Hygiene and cleanliness requirements</i> |
| EN 13088 | <i>Manufactured articles filled with feather and down - Method for the determination of a filled product's total mass and of the mass of the filling</i> |

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply:

3.1

cushion

manufactured article of all shapes and sizes used as a seat or as back or for decorative purposes

NOTE The cushion is not to be confused with the pillow used as a headrest in bed.

3.2

upholstered element

spare or complementary element of all shapes and sizes, like rolls, poufs, armrests, etc : other than cushions

3.3

filling

feathers and/or down contained within the primary tick

3.4

primary tick

textile fabric envelope containing the filling

3.5

cover

envelope of textile fabric or of other material containing the filling enclosed with the primary tick

3.6

down proof property

the ability of the primary tick to adequately retain the filling

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4 Requirements

4.1 Filling

4.1.1 Compositions

The producer shall declare the composition of the filling material according to EN 12934, determined according to EN 12131, after sampling according to EN 1883.

4.1.2 Hygiene and cleanliness

The filling material shall conform to the appropriate requirements specified in EN 12935.

4.1.3 Filling mass

The filling mass, determined according to EN 13088, shall not deviate by more than ± 5 % from the declared nominal mass.

4.2 Primary tick

4.2.1 Textile fibre composition

Textile fibre composition shall be labelled.

NOTE See EC Directive 83/623/EEC for information on labelling of textile fibre composition

EN 13854:2003 (E)**4.2.2 Down proofness**

When tested according to EN 12132-1, the number of particles passed or protruded shall be not more than 25.

5 Labelling

Each product shall be labelled at least with the following:

- reference to this standard;
- identification (brand name or producer or retailer);
- filling composition;
- that it complies with the requirements of hygiene and cleanliness of EN 12935;
- nominal filling mass;
- textile fibre composition of the primary tick;
- that it complies with the requirements of feather and down proofness.

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Annex A (informative)

Requirements of semi-finished products

A.1 General

The requirements referring to semi-finished products vary with respect of the structure of the finished upholstered piece of furniture designed by the maker of the same and therefore are beyond the scope of CEN/TC 222. However, taking into consideration the fact that in many cases the maker of an upholstered piece of furniture delegates the manufacture of the semi-finished parts (cushions or other upholstered parts) to a converter, it is necessary to regulate the relation between these two subjects.

The following requirements are to be considered optional for the final consumer.

A.2 Definition

Semi-finished product: Cushion (3.1) as upholstered element (3.2) consisting only of primary tick (3.4) containing the filling material (3.3) ordered to a converter.

A.3 Requirements

A.3.1 Filling

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Permanent deformation after dynamic fatigue stress under constant load. This characteristic should be determined according to ENV 12936. The value after a predetermined cycle number shall be agreed upon the customer and the converter, if he has to buy the filling.

A.3.2 Semi-finished product

A.3.2.1 Dimensions

The tolerances referring to the dimensions given by a design or a prototype should be agreed upon by the parties.

A.3.2.2 Partitions (baffle)

The making, number, location of partitions (baffles) shall correspond to a design or prototype.

A.3.2.3 Thickness and compressibility

This characteristic should be determined in accordance with EN 13855-1 and EN 13855-2.

The values after a predetermined cycle number should be agreed upon the customer and the converter.