



SLOVENSKI STANDARD
SIST EN 13085:2001
01-junij-2001

Wallcoverings - Specification for cork rolls

Wallcoverings - Specification for cork rolls

Wandbekleidungen - Festlegung für Korkrollen

Revetements muraux - Spécification pour les rouleaux en liège

Ta slovenski standard je istoveten z: EN 13085:2001

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ICS:

79.100	Pluta in izdelki iz plute	Cork and cork products
91.180	Plata in izdelki iz plute	Interior finishing

SIST EN 13085:2001

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13085

January 2001

ICS 79.100; 91.180

English version

Wallcoverings - Specification for cork rolls

Revêtements muraux - Spécification pour les rouleaux en liège

Wandbekleidungen - Festlegung für Korkrollen

This European Standard was approved by CEN on 6 January 2001.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

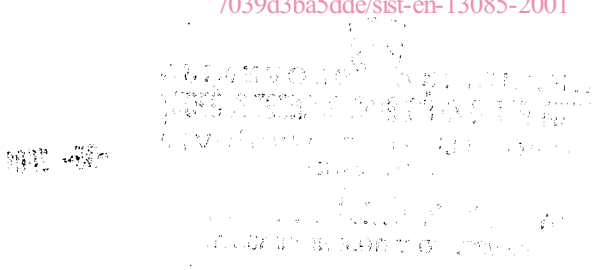
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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 99 "Wallcoverings", 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 July 2001, and conflicting national standards shall be withdrawn at the latest by July 2001.

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

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1 Scope

This European Standard specifies the requirements of cork wallcoverings in roll form to be used within buildings. The standard contains provisions for the evaluation of conformity of the product. It also includes requirements for marking, packaging and labelling.

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 publication 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 426	<i>Resilient floor coverings - Determination of width, length, straightness and flatness of sheet material</i>
EN 12105	<i>Resilient floor coverings - Determination of moisture content of agglomerated composition cork</i>
EN 12149	<i>Wallcoverings in roll form - Determination of migration of heavy metals and certain other elements, of vinyl chloride monomer and of formaldehyde release</i>
ISO 4708:2000	<i>Composition cork - Gasket material - Test methods</i>
ISO 7322:2000	<i>Composition cork - Test methods</i>
EN ISO 9001	<i>Quality systems - Model for quality assurance in design, development, production, installation and servicing (ISO 9001:1994)</i>
EN ISO 9002	<i>Quality systems - Model for quality assurance in production, installation and servicing (ISO 9002:1994)</i>

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3 Terms and definitions

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

3.1

cork

protective layer of the cork oak tree (*Quercus suber L.*) which can be periodically removed from its trunk and branches to provide the raw material for cork products

3.2

granulated cork

fragments of cork obtained by grinding and/or milling raw or manufactured cork

3.3

agglomerated composition cork

product obtained from the agglutination of granulated cork with the addition of a binder not derived from cork cells

3.4

wallcovering

product, supplied either in panel or roll form, for hanging onto internal walls or ceilings in buildings by means of an adhesive covering the whole of the interface between the wallcovering and the support

3.5

cork wallcovering

product mainly made from cork or agglomerated composition cork, supplied either in panel or roll form, whose main intended use is for indoor application

3.6

batch

defined quantity of some commodity manufactured or produced under conditions which are presumed uniform

3.7

test specimen

part of a sample prepared for a test

4 Requirements

Cork rolls described in this standard shall conform to the appropriate requirements specified in Table 1, when tested in accordance with methods given therein.

NOTE Information on additional properties is given in annex B.

5 Test methods

5.1 Sampling

The sample for testing shall be taken from the available material, either during the process or from the final product. Test specimens shall be taken from the sample at a minimum distance of 100 mm from the edges. Each test specimen shall be squarely cut and have edges perpendicular to its surface and not show any cracks or folds.

The minimum number of test specimens required to get one test result on a product property is given in Table 1.

5.2 Conditioning

Test specimens shall be conditioned before testing for at least 12 h at (23 ± 5) °C. In case of dispute, they shall be conditioned before testing at (23 ± 2) °C and (50 ± 5) % relative humidity, for at least 24 h. Before the determination of the moisture content no conditioning shall be done.

5.3 Testing

Tests shall be carried out in accordance with the standards referred to in Table 1. The test result on a product property is the mean of the measured values on the number of test specimens given in Table 1.

Table 1 - Requirements

Property	Requirements	Dimension (or mass) of test specimens	Test method	Number of test specimens to get one result
Dimensions width length	maximum deviation from nominal value $\pm 1\%$ \geq nominal	200 mm x w^a full roll	EN 426	5 1
Straightness	tolerance allowed from nominal value: 1 % per each 5 m length	full roll		1
Overall thickness	maximum deviation from nominal value: $\pm 0,3$ mm	100 mm x 50 mm	ISO 7322:2000	5
Tensile strength^b	≥ 200 kPa	100 mm x 50 mm	ISO 7322:2000	3 + 3 ^c
Moisture content	$\leq 7\%$	100 mm x 100 mm	EN 12105	3
Flexibility	there shall be no cracks or failure	150 mm x 15 mm	ISO 4708:2000 method A	3
Formaldehyde released	≤ 95 mg/kg (10 g to 15 g)	50 mm x 25 mm (10 g to 15 g)	EN 12149 method C ^d	3
<p>^a Where w is the nominal width of the roll</p> <p>^b Applicable to thicknesses not less than 2 mm</p> <p>^c Three test specimens shall be tested in the manufacturing direction and three in the perpendicular direction.</p> <p>^d With the modifications given in annex A.</p>				

6 Evaluation of conformity

The evaluation of conformity shall be based on factory production control and tests on samples taken at the factory, following the provisions given in annex C of this European Standard.

7 Marking, labelling and packaging

Products conforming to the requirements of this standard shall be clearly and indelibly marked by the manufacturer either on the packaging or on an adhesive label with the following information:

- a) the number and the year of this standard, i.e. EN 13085:2001;
- b) name or supplier's identification;
- c) the product name and batch number (possibly in code form);
- d) year of manufacture (last two digits);
- e) the nominal dimensions of rolls or sheets;
- f) the covered area in square metres;
- g) a warning that packages should be stored/shielded from direct sunlight and atmospheric humidity.

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