



SLOVENSKI STANDARD
SIST EN 426:1999

01-marec-1999

Netekstilne talne obloge - Ugotavljanje širine, dolžine, ravnosti robov in ploskosti oblog

Resilient floor coverings - Determination of width, length, straightness and flatness of sheet material

Elastische Bodenbeläge - Bestimmung von Breite, Länge, Geradheit und Ebenheit von Bahnen

iTeh STANDARD PREVIEW
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Revetements de sol résilients - Détermination de la largeur, de la longueur, de la rectitude et de la planéité des lés

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Ta slovenski standard je istoveten z: EN 426:1993

ICS:

97.150

Netekstilne talne obloge

Non-textile floor coverings

SIST EN 426:1999

en

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EUROPEAN STANDARD

EN 426

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 1993

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Descriptors: Floor coverings, textile floorcoverings, determination, dimensions, width, length, flatness, straightness

English version

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Page 2
EN 426:1993

Foreword

This European Standard was prepared by CEN/TC 134 "Resilient and textile floor coverings", 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of an identical text or by endorsement, at the latest by March 1994, and conflicting national standards shall be withdrawn at the latest by March 1994.

The Standard was approved and in accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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Resilient floor coverings - Determination of width, length, straightness and flatness of sheet material

1 Scope

This European Standard specifies methods for determining the width, length, straightness and flatness of resilient floor coverings in sheet form.

2 Definition

For the purposes of this standard, the following definition applies.

effective width: The width bounded by two straight lines parallel to the axis of the resilient floorcovering between which the appearance of the material is uniform and its thickness is constant.

3 Principle

The measurement at several points of the width and length of a test piece resting on a flat surface is carried out.

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4 Apparatus

4.1 A rule or semi-rigid tape, accurate to 2 mm, used for measuring width.

4.2 A table or flat surface of greater width and, if possible, of greater length than the test piece to be measured.

4.3 A device for measuring the length of the sheet to an accuracy of 0,1 %, e.g. a calibrated measuring wheel, steel tape.

4.4 String line, length 10 m.

5 Sampling

Use the entire roll if both length and width are to be determined.

If only width is to be determined, the test piece shall be of approximate length 200 mm.

6 Conditioning

Condition the unrolled test piece at ambient temperature for a minimum of 4 h. Take the measurements at ambient temperature.

7 Procedure

7.1 Measurement of width

Place the test piece on the table, with the surface layer uppermost. Measure the effective width at three positions.

7.2 Measurement of length

7.2.1 Lay out the test piece completely flat with the surface layer uppermost. Measure the length in two places parallel to the axis of the test piece approximately 200 mm from the edges.

7.2.2 If the table is shorter than the length of the roll, take the measurements part by part.

Unroll as far as possible and follow the procedure described in 7.2.1. Mark the points to which the length was measured, roll up the measured length, unroll the next part and repeat the procedure as often as necessary to measure the full length.

7.2.3 If the roll is much longer than the table, measure the length of the roll by re-rolling using a device with a calibrated measuring wheel.

7.3 Assessment of straightness and flatness

7.3.1 Straightness

For a measured length of 5 m to 10 m, measure the straightness of an edge against a string line. Record the greatest deviation and the reference length (see figure 1).

SIST EN 426:1999

7.3.2 Flatness

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Check the surface and edges of the test piece for ridges, folds or other deformations.

8 Expression of results

Calculate the effective width of the test piece as the smallest of the three measurements. Round off to the nearest 5 mm and express the result in millimetres.

Calculate the mean value of the two recorded lengths. Round off to the nearest 0.05 m and express the result in metres.

Express the results of the greatest deviation from straightness to the nearest 5 mm.

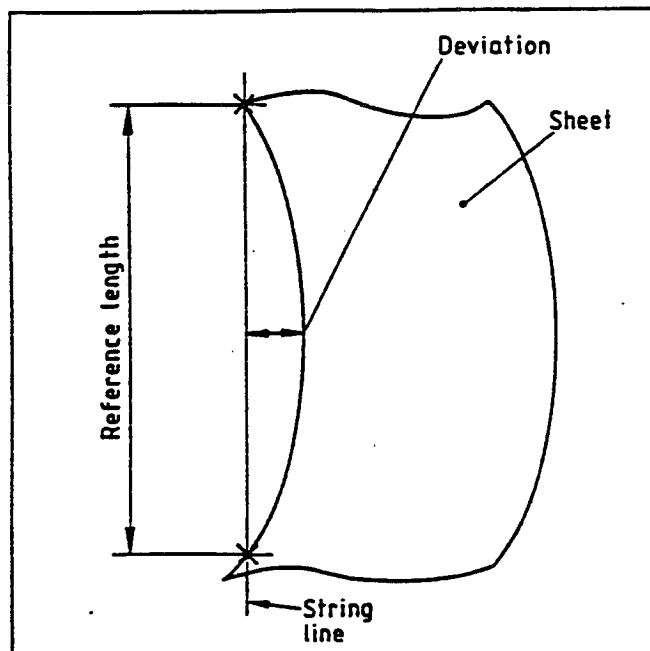


Figure 1. Measurement using string line

9 Test report

The test report shall contain the following information:

- a) a reference to this standard, i.e. EN 426;
- b) a complete identification of the product tested, including type, source, colour and manufacturer's reference numbers;
- c) previous history of the sample;
- d) the effective width, in millimetres;
- e) the mean value of length, in metres;
- f) the value of straightness, in millimetres;
- g) the assessment of flatness;
- h) the temperature at which the test was carried out;
- i) any deviation from this standard which may have affected the results.