
Hidroizolacijski trakovi - Določevanje dolžine, širine in ravnosti - 1. del: Bitumenski trakovi za tesnjenje streh

Flexible sheets for waterproofing - Determination of length, width and straightness - Part 1: Bitumen sheets for roof waterproofing

Abdichtungsbahnen - Bestimmung der Länge, Breite und Geradheit - Teil 1: Bitumenbahnen für Dachabdichtungen

Feuilles souples d'étanchéité - Détermination de la longueur, de la largeur et de la rectitude - Partie 1: Feuilles d'étanchéité de toiture bitumineuses

<https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ae17-c4704e2f05ee/sist-en-1848-1-2000>

Ta slovenski standard je istoveten z: EN 1848-1:1999

ICS:

91.060.20	Strehe	Roofs
91.100.50	Veziva. Tesnilni materiali	Binders. Sealing materials

SIST EN 1848-1:2000**en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 1848-1:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ac17-c4704e2f05ee/sist-en-1848-1-2000>

EUROPEAN STANDARD

EN 1848-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1999

ICS 91.100.50

English version

Flexible sheets for waterproofing - Determination of length, width and straightness - Part 1: Bitumen sheets for roof waterproofing

Feuilles souples d'étanchéité - Détermination de la longueur, de la largeur et de la rectitude - Partie 1: Feuilles d'étanchéité de toiture bitumineuses

Abdichtungsbahnen - Bestimmung der Länge, Breite und Geradheit - Teil 1: Bitumenbahnen für Dachabdichtungen

This European Standard was approved by CEN on 30 September 1999.

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 Central Secretariat 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 Central Secretariat 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.

SIST EN 1848-1:2000

<https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ae17-c4704e2f05ee/sist-en-1848-1-2000>



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

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

Contents

	Page
Foreword	3
1 Scope	3
2 Normative references	3
3 Definitions	3
4 Principle	3
5 Apparatus	3
6 Sampling and preparation of test specimens	4
7 Procedure	4
8 Expression of results	6
9 Test report	6

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 1848-1:2000

[https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ae17-](https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ae17-c4704e2f05ee/sist-en-1848-1-2000)

[c4704e2f05ee/sist-en-1848-1-2000](https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ae17-c4704e2f05ee/sist-en-1848-1-2000)

REMOVED FROM THE ORIGINAL
PUBLICATION BY THE ITC
IN ORDER TO PROTECT THE
INTELLECTUAL PROPERTY RIGHTS
OF THE ORIGINAL PUBLISHER
SIST EN 1848-1:2000
SIST EN 1848-1:2000

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 254 "Flexible sheets for waterproofing", 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 May 2000, and conflicting national standards shall be withdrawn at the latest by September 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.

1 Scope

This European Standard specifies a method for the determination of the length, width and straightness of bitumen sheets for roof waterproofing.

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 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.

prEN 13416:¹⁾

Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Rules for sampling

<https://standards.iteh.ai/catalog/standards/sist/9e6a62ae-5349-40fb-ae17-c4704e2f05ee/sist-en-1848-1-2000>

3 Definitions

For the purposes of this standard, the definitions indicated in 3.1 to 3.3 apply.

3.1 length: The dimension of the sheet measured in the manufacturing direction.

3.2 width: The dimension of the sheet measured at right angles to the manufacturing direction.

3.3 straightness: The absence of any deviation of the longitudinal edge of the sheet from a straight line.

4 Principle

The selected roll of bitumen sheet is unrolled on a flat surface and the length and width is measured using a metal rule. The straightness of the sheet is determined by measuring deviation from a straight line using a similar measuring device.

¹⁾ standard in preparation

5 Apparatus

5.1 Length

Metal measuring tape of a length greater than the length of the bitumen sheet to be measured, permitting the measurement to be made to the nearest 10 mm.

5.2 Width

Measuring tape or rule of length greater than the width of the bitumen sheet to be measured, permitting the measurement to be made to the nearest 1 mm.

5.3 Straightness

Chalked line to mark a straight reference line on the bitumen sheet. Metal measuring tape or rule, permitting the measurement to be made to the nearest 1 mm.

6 Sampling and preparation of test specimens

6.1 Sampling

A complete undamaged roll of the bitumen sheet to be tested shall be selected in accordance with prEN 13416.

6.2 Conditioning of specimens

Generally no ageing or conditioning shall be carried out and measurements shall be made under ambient conditions. In case of dispute, the tests should be carried out at (23 ± 2) °C after conditioning for at least 20 h at (23 ± 2) °C.

7 Procedure

7.1 General

The selected roll shall be laid on a flat surface. The sheet is carefully unrolled ensuring maximum contact with the flat surface.

After 5 min, measurements shall be taken for the determination of length and width and the sheet tested for straightness.

7.2 Determination of length

For determination for the length, two measurements shall be made at a distance of one third of the total roll width from each edge, recording the results to the nearest 10 mm.

7.3 Determination of width

For determination of width, measurements shall be made at a distance of $(1 \pm 0,01)$ m from each end of the roll, recording the results to the nearest 1 mm.

7.4 Determination of straightness

For determination of straightness, two points shall be marked on the test specimen at a distance of 100 mm from one of the longitudinal sides, one at each end of the roll (see figure 1, points A and B). Using a chalked line, a continuous reference line is marked on the surface of the sheet between these two points. Measurements shall be made to determine the point of maximum deviation (g) between the reference line and the longitudinal side. The maximum deviation ($g-100$ mm) shall be recorded to the nearest 1 mm.

For rolls in excess of 10 m in length, the test shall be conducted for each successive 10 m length or part thereof (see figure 2).

Dimension in millimetres

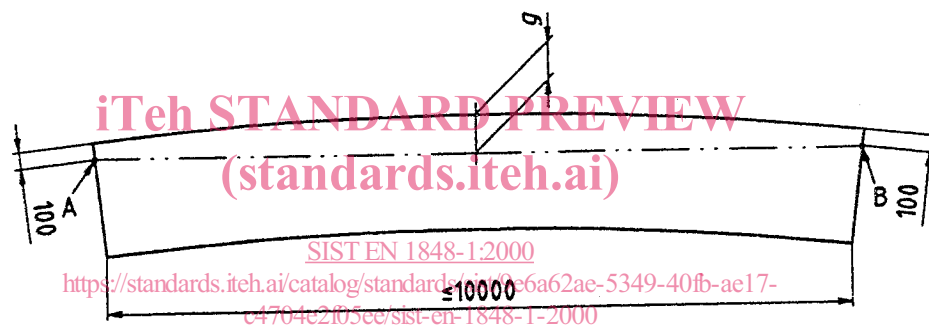


Figure 1

Dimension in millimetres

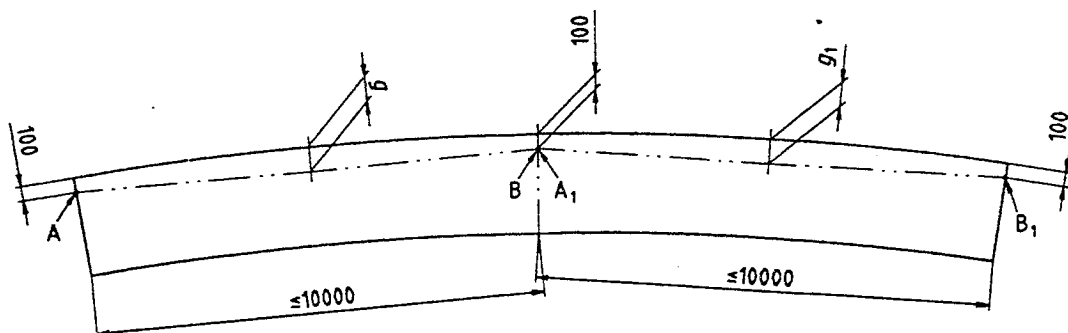


Figure 2

8 Expression of results

8.1 Results for the determination of length

The measurement of length to be quoted is the mean of the two individual measurements, expressed to the nearest 10 mm.

8.2 Results for the determination of width

The measurement of width to be quoted is the mean of the two individual measurements rounded up to the nearest 1 mm.

8.3 Results for the determination of straightness

The straightness of the sheet is expressed in terms of the maximum deviation found during the test rounded up to the nearest 1 mm.

8.4 Precision

The precision is not specified by this standard.

It is assumed that:

- the measurement of length (8.1) cannot be made to a precision of greater than ± 10 mm;
- the measurement of width (8.2) cannot be made to a precision of greater than ± 1 mm;
- the measurement of straightness (8.3) cannot be made to a precision of greater than ± 5 mm.

9 Test report

The test report shall include at least the following information:

- a) all details necessary to identify the product tested;
- b) a reference to this European Standard (EN 1848-1) and any deviation from it;
- c) information on sampling and details on preparation of test specimens in accordance with clause 6;
- d) the test results in accordance with clause 8;
- e) date of the test.