



SLOVENSKI STANDARD
SIST EN 1850-1:2000

01-junij-2000

Hidroizolacijski trakovi - Določevanje vidnih napak - 1. del: Bitumenski trakovi za tesnjenje streh

Flexible sheets for waterproofing - Determination of visible defects - Part 1: Bitumen sheets for roof waterproofing

Abdichtungsbahnen - Bestimmung sichtbarer Mängel - Teil 1: Bitumenbahnen für Dachabdichtungen

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Feuilles souples d'étanchéité - Détermination de défauts d'aspect - Partie 1: Feuilles d'étanchéité de toiture bitumineuses

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Ta slovenski standard je istoveten z: EN 1850-1:1999

ICS:

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

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ICS 91.100.50

English version

Flexible sheets for waterproofing - Determination of visible defects - Part 1: Bitumen sheets for roof waterproofing

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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.

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

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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 the determination of the visible defects of bitumen sheets for roofing, which could influence the functional behaviour of these sheets.

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 <https://standards.iteh.ai/catalog/standards/sist/fc75cd15-f074-4b0f-9875-103717604000/sist-en-1850-1-2000>
Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Rules for sampling¹⁾

3 Definitions

For the purpose of this standard, the definitions indicated in 3.1 to 3.4 apply.

- 3.1 blister:** An elevation of the surface of varied contour and dimensions, with a cavity beneath it.
- 3.2 crack:** A fissure that penetrates the external surface of the material or its entire thickness, the bitumen material being completely separated between the walls of the fissure.
- 3.3 hole:** An opening through the sheet which would allow the passage of water.
- 3.4 naked spots²⁾:** A missing area of mineral surface exceeding 100 mm².

4 Principle

A selected roll of bitumen sheet is unrolled on a flat surface and examined for visible defects.

¹⁾ standard in preparation

²⁾ Only for mineralised cap sheets

5 Sampling and preparation of test specimens

5.1 Sampling

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

5.2 Conditioning of specimens

Generally no ageing or conditioning shall be carried out and examinations shall be made under ambient conditions.

In case of dispute, the examinations should be carried out at (23 ± 2) °C after conditioning for at least 20 h at (23 ± 2) °C.

6 Procedure

The selected roll shall be laid on a flat surface. The sheet is carefully unrolled, top surface uppermost and examined over the whole surface, with the naked eye, for the presence of blisters, cracks, holes or naked spots or any other noticeable defect. The sheet is then carefully turned over and examined on the underside for visible defects.

7 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 1850-1) and any deviation from it;
- c) information on sampling and preparation of test specimens in accordance with clause 5;
- d) visible defects in accordance with clause 6;
- e) date of the test.