



SWEDISH  
STANDARDS  
INSTITUTE

## SVENSK STANDARD SS-EN 13416

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### **Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Rules for sampling**

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Swedish Standards corresponding to documents referred to in this Standard are listed in "Catalogue of Swedish Standards", issued by SIS. The Catalogue lists, with reference number and year of Swedish approval, International and European Standards approved as Swedish Standards as well as other Swedish Standards.

### **Flexibla tätskikt – Bitumen-, plast- och gummibaserade tätskikt för tak – Regler för provtagning**

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ICS 91.100.50

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 13416**

June 2001

ICS 91.100.50

English version

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

Feuilles souples d'étanchéité - Feuilles d'étanchéité de  
toiture bitumineuses, plastiques et élastomères - Règles  
d'échantillonnage

Abdichtungsbahnen - Bitumen-, Kunststoff- und  
Elastomerbahnen für Dachabdichtungen - Regeln für die  
Probenentnahme

This European Standard was approved by CEN on 10 May 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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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 December 2001, and conflicting national standards shall be withdrawn at the latest by July 2002.

No existing European Standard is superseded.

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.

## Introduction

This standard is intended for characterisation of flexible sheets for waterproofing as manufactured or supplied before use. This standard relates exclusively to products, or to their components where appropriate, and not to waterproofing membrane systems composed of such products and installed in the works.

## 1 Scope

This European Standard specifies the general rules how to select the samples of bitumen, plastic or rubber sheets for roof waterproofing from which the test pieces are taken. It also specifies the conditioning procedures to be followed before the test piece is cut from the sample.

This standard is applicable in conjunction with product characteristics on bitumen, plastic and rubber sheets for roof waterproofing from which the test specimens are taken.

## 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 (including amendments).

EN 1850-1

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

EN 1850-2

Flexible sheets for waterproofing - Determination of visible defects - Part 2: Plastic and rubber sheets for roof waterproofing

## 3 Terms and definitions

For the purpose of this European Standard, the following terms and definitions apply.

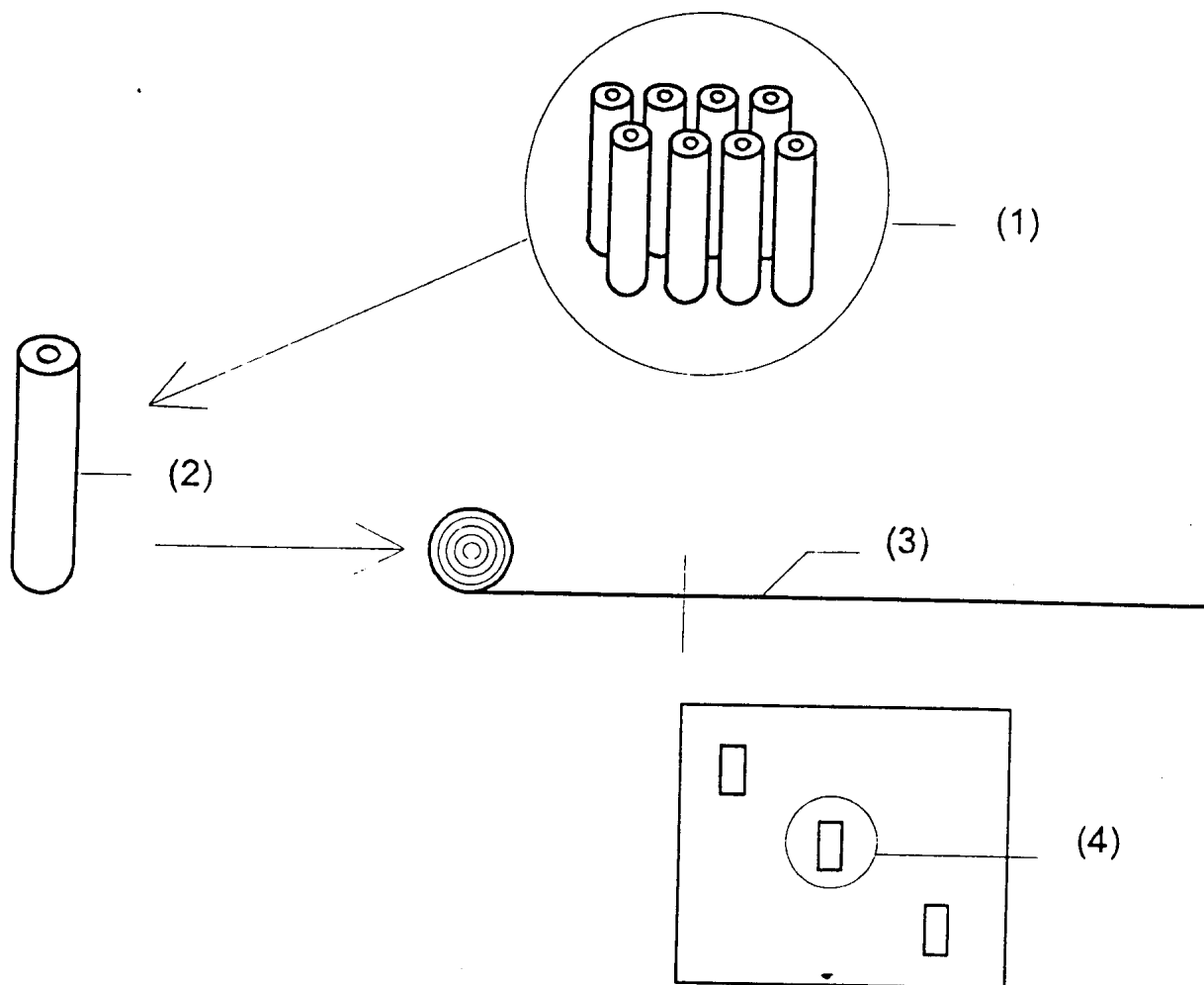
### 3.1

#### consignment

batch or delivery of roofing sheets which are tested

**3.2 sample**  
roll of a flexible sheet from which a test piece is taken

**3.3 sampling**  
procedure used to select or to constitute a sample from a consignment for third party testing in accordance with Figure 1



**Key**  
1 Consignment  
2 Sample  
3 Test piece  
4 Test specimen

**Figure 1 - Sampling**