

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

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 1848-1:2025 sisaldab Euroopa standardi EN 1848-1:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 25.06.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 1848-1:2025 consists of the English text of the European standard EN 1848-1:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 25.06.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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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 14 April 2025.

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

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## European foreword

This document (EN 1848-1:2025) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by December 2025, and conflicting national standards shall be withdrawn at the latest by December 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1848-1:1999.

EN 1848-1:2025 includes the following significant technical changes with respect to EN 1848-1:1999:

- a) Update of normative references;
- b) Adding “laser” to the alternative measuring tool in 5.1, 5.2, and 5.3;
- c) Additions have been made in 1st and 2nd sentence in 5.3.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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## 1 Scope

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

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13416, *Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Rules for sampling*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1

#### **length**

dimension of the sheet measured in the manufacturing direction

### 3.2

#### **width**

dimension of the sheet measured at right angles to the manufacturing direction

### 3.3

#### **straightness**

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.

## 5 Apparatus

### 5.1 Length

Metal measuring tape of a length greater than the length of the bitumen sheet to be measured or laser measuring tool, 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 or laser measuring tool, permitting the measurement to be made to the nearest 1 mm.