Flexible sheets for waterproofing - Determination of thickness and mass per unit area - Part 1: Bitumen sheets for roof waterproofing

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EESTI STANDARDI EESSÕNA

Käesolev Eesti standard EVS-EN 1849-1:2000 sisaldab Euroopa standardi EN 1849-1:1999 ingliskeelset teksti. Käesolev dokument on jõustatud 17.03.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.

NATIONAL FOREWORD

This Estonian standard EVS-EN 1849-1:2000 consists of the English text of the European standard EN 1849-1:1999. This document is endorsed on 17.03.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This European Standard specifies methods for the determination of "overall thickness" (method A) and "overall or component thickness" (method B) and "mass per unit area" of bitumen sheets for roofing. The determination of overall thickness by method A is only applicable to unembossed sheets. The determination of overall thickness by method B is applicable to embossed and unembossed sheets and can also be used for composite thickness measurements.	**Scope:** This European Standard specifies methods for the determination of "overall thickness" (method A) and "overall or component thickness" (method B) and "mass per unit area" of bitumen sheets for roofing. The determination of overall thickness by method A is only applicable to unembossed sheets. The determination of overall thickness by method B is applicable to embossed and unembossed sheets and can also be used for composite thickness measurements.

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Flexible sheets for waterproofing – Determination of thickness and mass per unit area

Part 1: Bitumen sheets for roof waterproofing

Feuilles souples d'étanchéité – Détermination de l'épaisseur et de la masse surfacique – Partie 1: Feuilles d'étanchéité de toiture bitumineuses

Abdichtungsbahnen – Bestimmung der Dicke und flächenbezogenen Masse – Teil 1: Bitumenbahnen für Dachabdichtungen

This European Standard was approved by CEN on 1999-09-30.

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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

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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 a method for the determination of thickness and mass per unit area of bitumen sheets for roof waterproofing. The measurement of thickness is appropriate for most bitumen sheets including sheets with a factory applied mineral finish

The determination of thickness is not applicable to sheets with pronounced surface texture or to sheets with a substantial fibrous backing. Where it is required to characterize these products, mass per unit area should be used instead.

The determination of mass per unit area serves to verify the value stated by the manufacturer for information and is not applicable to perforated materials.

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

3 Definitions

For the purpose of this standard, the definitions indicated in 3.1 to 3.5 apply.

3.1 thickness: The dimension normal to the surface of the sheet.

3.2 pronounced surface texture: A textured pattern or emboss on one or both surfaces influencing the thickness by more than 10 %.

3.3 substantial fibrous backing: A layer of woven or non-woven fabric of synhetic fibres, weighing more than 80 g/m², fixed to the bottom of the sheet.

3.4 emboss: A textured pattern intentionally impressed into one or both surfaces of the sheet during the manufacturing process.

3.5 selvedge: An area of waterproofing sheet left free of granules or similar surface protection to aid the jointing of laps.

[1]) standard in preparation