Flexible sheets for roofing - Part 1: Bitumen sheets for roof waterproofing - Determination of dimensional stability

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EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 1107-1:2000 sisaldab Euroopa standardi EN 1107-1:1999 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 1107-1:2000 consists of the English text of the European standard EN 1107-1:1999. This document is endorsed on 11.01.2000 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 standard is intended for the characterisation and/or classification of bitumen sheets as manufactured or supplied before use. The test method 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.	**Scope:** This standard is intended for the characterisation and/or classification of bitumen sheets as manufactured or supplied before use. The test method 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.

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Flexible sheets for waterproofing – Determination of dimensional stability

Part 1: Bitumen sheets for roof waterproofing

Feuilles souples d'étanchéité – Détermination de la stabilité dimensionelle – Partie 1: Feuilles d'étanchéité de toiture bitumineuses

Abdichtungsbahnen – Bestimmung der Maßhaltigkeit – Teil 1: Bitumenbahnen für Dachabdichtungen

This European Standard was approved by CEN on 1999-07-11.

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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.

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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 February 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.

Introduction

This European Standard is intended for the characterisation and/or classification of bitumen sheets as manufactured or supplied before use. The test method 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.

This test is intended to be used in conjunction with European Standards on product specification for reinforced and unreinforced bitumen sheets for roofing.

This test is intended to determine the dimensional changes in bitumen sheets as a result of production-induced internal stresses released under the effect of heat. Excessive dimensional changes can result in detrimental stresses in service.

This test can be used to measure basic properties of the bitumen sheeting directly relevant to its fitness for purpose for waterproofing applications.

1 Scope

This European Standard specifies the determination of the dimensional stability of bitumen sheets.

2 Normative references

This European Standard incorporates by dated or undated references 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 any 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.

ISO 5725 : 1986 Precision of test methods - Determination of repeatability and reproducibility for a standard test method by inter-laboratory tests.

3 Definitions

For the purposes of this standard the definitions indicated in 3.1 and in the corresponding European Standards on product specifications apply.

3.1 dimensional change: The change in length of unrestrained test specimens taken from the bitumen sheet in the longitudinal direction when subjected to a specific thermal load. It is given as a percentage (%) relative to the initial length.