Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing - Determination of shear resistance of joints

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EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 12317-1:2000 sisaldab Euroopa standardi EN 12317-1:1999 ingliskeelset teksti. Käesolev dokument on jõustatud 18.02.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 12317-1:2000 consists of the English text of the European standard EN 12317-1:1999. This document is endorsed on 18.02.2000 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 a test method for determining the resistance to shearing of a joint between two adjacent sheets of the same bitumen-based roofing sheets.	**Scope:** This European Standard specifies a test method for determining the resistance to shearing of a joint between two adjacent sheets of the same bitumen-based roofing sheets.

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English version

Flexible sheets for waterproofing

Part 1: Bitumen sheets for roof waterproofing – Determination of shear resistance of joints

Feuilles souples d'étanchéité – Partie 1: Feuilles d'étanchéité de toiture bitumineuses – Détermination de la résistance au cisaillement des joints

Abdichtungsbahnen – Teil 1: Bitumenbahnen für Dachabdichtungen – Bestimmung des Scherwiderstandes der Fügenähte

This European Standard was approved by CEN on 1999-08-21.

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.

The European Standards exist 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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Contents

		Page
Foreword		3
Introduction		3
1	Scope	3
2	Normative references	3
3	Definitions	3
4	Principle	4
5	Apparatus	4
6	Sampling	4
7	Preparation of test samples and test specimens	4
8	Procedure	5
9	Expression of results, evaluation and precision of test method	5
10	Test Report	5

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 March 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 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 characteristics on reinforced and unreinforced bitumen sheets for roof waterproofing.

1 Scope

This European Standard specifies a test method for determining the resistance to shearing of a joint between two adjacent sheets of the same bitumen roofing sheets.

This test method shall be used mainly for testing the joints in mechanically fastened or ballasted single layer bitumen roofing.

The shearing characteristics of a joint between two widths of bitumen sheets vary considerably depending on the method of jointing (flame or heat welding, hot adhesive e.g. bitumen, cold adhesive etc.) the size of the overlap and the workmanship.

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 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.

EN 10002-2,	Metallic materials - Tensile testing - Part 2 : Verification of the force measuring system of the tensile testing machines

3 Definitions

For the purpose of this standard, the definitions indicated in 3.1 and in the corresponding European Standard on product specifications apply.

3.1 shear resistance: The maximum tensile force required to extend a prepared joint test specimen, in shear, until it breaks or separates.