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KUMMIST JA PLASTMATERJALIST KELDRITE
HÜDROISOLATSIOONIMATERJALID. DEFINITSIOONID JA
OMADUSED

Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13967:2012+A1:2017 sisaldab Euroopa standardi EN 13967:2012+A1:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 13967:2012+A1:2017 consists of the English text of the European standard EN 13967:2012+A1:2017.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 12.04.2017.	Date of Availability of the European standard is 12.04.2017.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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ICS 01.040.91, 91.100.50

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 13967:2012+A1

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English Version

Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics

Feuilles souples d'étanchéité - Feuilles plastiques et élastomères empêchant les remontées capillaires du sol - Définitions et caractéristiques Abdichtungsbahnen - Kunststoff- und Elastomerbahnen für die Bauwerksabdichtung gegen Bodenfeuchte und Wasser - Definitionen und Eigenschaften

This European Standard was approved by CEN on 23 March 2012 and includes Amendment 1 approved by CEN on 24 January 2017.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents Page

Europ	oean foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Product designation	7
5	Product characteristics	
5.1	General	8
5.2	Deviation from test sample dimensions	8
5.3	Visible defects	
5.4	Dimensions and tolerances	
5.5	Thickness and mass per unit area	8
5.6	Water tightness	8
5.7	Resistance to impact	8
5.8	A) Durability of water tightness (A)	9
5.9	Compatibility with bitumen	9
5.10	Resistance to tearing (nail shank)	9
5.11	Joint strength	9
5.12	Water vapour transmission properties	9
5.13	Resistance to static loading	9
5.14	Tensile properties	
5.15	Resistance to deformation under load	10
5.16	Reaction to fire	
5.17	Dangerous substances	11
6	Assessment and verification of constancy of performance - AVCP	11
6.1	General	11
6.2	Type testing	11
6.3	Factory production control (FPC)	15
7	Product data sheet and designation	20
8	Marking, labelling and packaging	20
Annex	x A (informative) Product designation, typical materials and structure of sheets	
A.1	Typical materials	
A.1.1	General	

A.1.2	Plastics	21
A.1.3	Rubbers	21
A.1.4	Thermoplastic rubbers	22
Annex	x B (normative) Method of measuring the resistance of ventilating and draining damp-proof sheets to deformation under load	23
B.1	Principle	23
B.2	Apparatus	24
B.3	Preparation of test samples and test specimens	
B.3.1	Sampling	25
B.3.2	Preparation of test specimens	
B.4	Procedure	26
B.5	Expression of results	
B.6	Test report	26
Annex	x ZA (informative) A Relationship of this European Standard with Regulation (EU) No.305/2011 A	28
ZA.1	Scope and relevant characteristics	28
ZA.2	System of Assessment and Verification of Constancy of Performance (AVCP)	29
ZA.3	Assignment of AVCP tasks	
Biblio	graphy	32
	graphy	
		3

European foreword

This document (EN 13967:2012+A1:2017) 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 October 2017, and conflicting national standards shall be withdrawn at the latest by January 2019.

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

This document includes Amendment 1 approved by CEN on 2017-01-24.

This document supersedes At EN 13967:2012 At.

The start and finish of text introduced or altered by amendment is indicated in the text by tags [A].

A_1 deleted text A_1

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

This European Standard is a general product standard for flexible sheets of plastics intended for damp proof sheets, including plastics basement tanking sheets, for use in buildings. This standard is one of a series of product standards for factory made flexible sheets for use in buildings.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document specifies definitions and characteristics of flexible plastic and rubber sheets which are intended to be used as damp proofing for buildings, including basement tanking. It specifies the requirements and test methods, and provides for the evaluation of conformity of the products with the requirements of this standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1296, Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roofing — Method of artificial ageing by long term exposure to elevated temperature

EN 1548, Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Method for exposure to bitumen

EN 1847:2009, Flexible sheets for waterproofing —Plastic and rubber sheets for roof waterproofing — Methods for exposure to liquid chemicals, including water

EN 1848-2, Flexible sheets for waterproofing — Determination of length, width, straightness and flatness — Part 2: Plastic and rubber sheets for roof waterproofing

EN 1849-2, Flexible sheets for waterproofing — Determination of thickness and mass per unit area — Part 2: Plastic and rubber sheets

EN 1850-2, Flexible sheets for waterproofing — Determination of visible defects — Part 2: Plastic and rubber sheets for roof waterproofing

EN 1928:2000, Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of watertightness

EN 1931, Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of water vapour transmission properties

EN 12310-1, Flexible sheets for waterproofing — Part 1: Bitumen sheets for waterproofing — Determination of resistance to tearing (nail shank)

EN 12311-2:2013 Flexible sheets for waterproofing — Determination of tensile properties — Part 2: Plastic and rubber sheets for roof waterproofing (A)

EN 12317-2, Flexible sheets for waterproofing — Determination of shear resistance of joints — Part 2: Plastic and rubber sheets for roof waterproofing

EN 12691, Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of resistance to impact

EN 12730:2015 (1), Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Determination of resistance to static loading

EN 13416:2001, Flexible sheets for waterproofing — Bitumen, plastic and rubber sheets for roof waterproofing — Rules for sampling

EN 13501-1:2007+A1:2009, Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests

EN 13859-1:2014 (A), Flexible sheets for waterproofing — Definitions and characteristics of underlays — Part 1: Underlays for discontinuous roofing

(A) CEN/TR 16625:2013, Flexible sheets for waterproofing — Statistical definition of manufacturer's limiting value and declared value (MLV and MDV) — 95 % Statistic (A)

EN ISO 11925-2, Reaction to fire tests — Ignitability of products subjected to direct impingement of flame — Part 2: Single-flame source test (ISO 11925-2)

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13416:2001 and the following apply.

3.1

sheet for damp proofing

plastic or rubber sheet used on or under floors/ground slabs or in walls to prevent liquid water not under hydrostatic pressure passing from the ground into the internal environment

3.2

ventilating or draining damp proof sheet

sheet conforming to the definition in 3.1 and with the ability to provide a continuous void or structure to allow free movement of water vapour or liquid water between the sheet and any further construction

3.3

tanking sheet

sheet conforming to the definition in 3.1 used in wall construction or on or under floors or ground slabs to prevent liquid water under hydrostatic pressure passing from the ground into the internal environment or from one section of the structure to another

3.4

manufacturer's limiting value

MI.V

nominal value including a single sided specification according to the product standard for a given test method or property

Note 1 to entry: The MLV can be a minimum or a maximum value according to statements made under product characteristics of the relevant product standard.

[CEN/TR 16625:2013, 2.2] (A)

3.5

manufacturer's declared value

MDV

(A) nominal value including double sided specification according to the product standard for a given test method or property