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Responsible committee: B/546 Flexible sheets for waterproofing and water vapour control

Interested committees:

Title: Draft BS EN 13967:2012/A1 Flexible sheets for waterproofing - Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet - Definitions and characteristics

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

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- iii) requires additional national guidance or information

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Introduction

This draft standard is based on European discussions in which the UK has taken an active part. Your comments on this draft are welcome and will assist in the preparation of the consequent British Standard. Comment is particularly welcome on national, legislative or similar deviations that may be necessary.

Even if this draft standard is not approved by the UK, if it receives the necessary support in Europe, the UK will be obliged to publish the official English Language text unchanged as a British Standard and to withdraw any conflicting standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with reasons) or positive vote on this draft.

Submission of Comments

- The guidance given below is intended to ensure that all comments receive efficient and appropriate attention by the responsible BSI committee. **Annotated drafts are not acceptable and will be rejected.**
- All comments must be submitted, preferably electronically, to the Responsible Committee Secretary at the address given on the front cover. Comments should be compatible with version 6.0 or version 97 of Microsoft Word for Windows, if possible; otherwise comments in ASCII text format are acceptable. **Any comments not submitted electronically should still adhere to these format requirements.**
- All comments submitted should be presented as given in the example below. Further information on submitting comments and how to obtain a blank electronic version of a comment form are available from the BSI website at:
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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	(7)
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/ Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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 draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 254.

This draft amendment A1, if approved, will modify the European Standard EN 13967:2012. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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 CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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

European foreword

This document (EN 13967:2012/FprA1:2016) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing”, the secretariat of which is held by NEN.

This document is currently submitted to the Unique Acceptance Procedure.

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 Regulation.

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

1 Modifications to Clause 2, Normative references

Replace:

"EN 12311-2 *Flexible sheets for waterproofing - Determination of tensile properties - Part 2: Plastic and rubber sheets for roof waterproofing*"

with:

"EN 12311-2:2013 *Flexible sheets for waterproofing - Determination of tensile properties - Part 2: Plastic and rubber sheets for roof waterproofing*"

Replace "EN 12730:2001" with "EN 12730:2015".

Replace "EN 13859-1:2010" with "EN 13859-1:2014".

Add:

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

2 Modifications to Clause 3, Terms and definitions

In definition 3.4, manufacturer's limiting value, replace:

"value stated by the manufacturer to be met during testing

Note 1 to entry: The manufacturer's limiting value can be a minimum value or a maximum value, according to statements made under product characteristics of this standard."

with:

"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]"

In definition 3.5, manufacturer's declared value, replace:

"value declared by the manufacturer accompanied by a declared tolerance"

with:

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

[CEN/TR 16625:2013, 2.1]"

Add the following new term:

"3.13

overpack

outer container or packaging designed to enclose one or more inner containers or packagings"

3 Modification to 5.1 General

Add the following sub-clause:

"5.1.3 Manufacturer's limiting value (MLV) and declared value (MDV) shall be defined in accordance with CEN/TR 16625."

4 Modification to 5.5, Thickness and mass per unit area

In the 1st sentence, replace:

"The thickness and mass per unit area shall be determined in accordance with EN 1849-2."

with:

"The thickness or mass per unit area shall be determined in accordance with EN 1849-2."

5 Modification to the heading of 5.8

Replace:

"5.8 Durability"

with:

"5.8 Durability of water tightness"

6 Modification to 5.10, Resistance to tearing (nail shank)

Replace the whole sub-clause with the following:

"Tear resistance (nail shank) shall be determined in accordance with EN 12310-1 and shall be greater or equal to the manufacturer limiting value."

7 Modification to 5.13, Resistance to static loading

Replace the whole sub-clause with the following:

"The resistance to static loading shall be determined in accordance with Method C of EN 12730:2015 and shall be greater than or equal to the manufacturer's limiting value."

If required the resistance to static loading shall be determined in accordance with Method A of EN 12730:2015 and shall be greater than or equal to the manufacturer's limiting value."

8 Modification to 5.14, Tensile properties

Replace the whole sub-clause with the following:

"Type T and A:

The tensile properties for unreinforced sheets as homogenous sheets and sheets with a non-woven inner layer (e.g. fibre glass mat) of less than or equal to 80 g/m² shall be determined in accordance with Method B of EN 12311-2:2013. For all other sheets Method A of EN 12311-2:2013 shall be used to determine tensile properties.

Type V:

The tensile properties of unreinforced sheets shall be determined in accordance with EN 12311-2:2013 Method B and shall be greater than or equal to the manufacturer's limiting value for the longitudinal and transverse directions of the sheet. The tensile properties of reinforced sheets shall be determined in accordance with EN 13859-1:2014, Annex A.

For all types T, A and V the tensile properties shall be greater than or equal to the manufacturer's limiting value for the longitudinal and transverse directions of the sheet."