BS EN 13956:2012



BSI Standards Publication

Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics



...making excellence a habit.™

BS EN 13956:2012 BRITISH STANDARD

National foreword

This British Standard is the UK implementation of EN 13956:2012. It supersedes BS EN 13956:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/546, Flexible sheets for waterproofing and water vapour control.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2013. Published by BSI Standards Limited 2013

ISBN 978 0 580 78073 8

ICS 01.040.91; 91.100.50

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2013.

Amendments issued since publication

Date Text affected

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 13956

December 2012

ICS 01.040.91; 91.100.50

Supersedes EN 13956:2005

English Version

Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Definitions and characteristics

Feuilles souples d'étanchéité - Feuilles d'étanchéité de toiture plastiques et élastomères - Définitions et caractéristiques

Abdichtungsbahnen - Kunststoff- und Elastomerbahnen für Dachabdichtungen - Definitionen und Eigenschaften

This European Standard was approved by CEN on 27 October 2012.

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 CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2012 CEN

All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 13956:2012: E

Contents		Page	
Forewo	Foreword3		
1	Scope	4	
2	Normative references		
3	Terms and definitions		
4	Roofing system related characteristics		
-			
5 5.1	Product characteristics		
5.1	General characteristics		
5.2.1	Visible defects		
5.2.2	Dimensions, tolerances and mass per unit area		
5.2.3	Watertightness		
5.2.4	Effects of liquid chemicals including water		
5.2.5	Fire performance		
5.2.6	Hail resistance		
5.2.7	Joint strength		
5.2.8 5.2.9	Water vapour properties Tensile properties (strength and elongation)		
5.2.10	Resistance to impact		
5.2.11	Resistance to impact		
5.2.12	Tear resistance		
5.2.13	Resistance to root penetration		
5.2.14	Dimensional stability		
5.2.15	Foldability at low temperature	10	
5.2.16	Behaviour following exposure to UV radiation, elevated temperature and water		
5.2.17	Resistance to ozone		
5.2.18	Exposure to contact with bitumen		
5.3	Dangerous substances		
6	Evaluation of conformity		
6.1	General		
6.2	Type testing		
6.3 6.3.1	Factory production control (FPC)		
6.3.1	Frequency of testing		
7	Product data sheet		
8	Marking, labelling and packaging		
_			
	A (normative) Applicability of characteristics		
	B (normative) Initial type test and frequencies of testing for factory production control		
	C (informative) Information about chemical resistance		
	D (informative) Example of a product data sheet		
	E (informative) Typical materials, structure of sheets and roofing systems	21	
Annex	ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive	25	
Biblion	ıranhv	38	

Foreword

This document (EN 13956:2012) 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 June 2012, and conflicting national standards shall be withdrawn at the latest by June 2012.

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 supersedes EN 13956:2005.

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.

The main technical changes are:

- limitation of external fire performance to Class F;
- new extended mounting and fixing rules;
- introduction of indirect testing for factory production control.

According to the CEN/CENELEC Internal Regulations, the national standards organisations 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.