

ICS 01.040.91; 91.100.50

Supersedes
DIN EN 13956:2007-04

**Flexible sheets for waterproofing –
Plastic and rubber sheets for roof waterproofing –
Definitions and characteristics;
English version EN 13956:2012,
English translation of DIN EN 13956:2013-03**

Abdichtungsbahnen –
Kunststoff- und Elastomerbahnen für Dachabdichtungen –
Definitionen und Eigenschaften;
Englische Fassung EN 13956:2012,
Englische Übersetzung von DIN EN 13956:2013-03

Feuilles souples d'étanchéité –
Feuilles d'étanchéité de toiture plastiques et élastomères –
Définitions et caractéristiques;
Version anglaise EN 13956:2012,
Traduction anglaise de DIN EN 13956:2013-03

Document comprises 40 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 13956:2012) has been prepared by Technical Committee CEN/TC 254 “Flexible sheets for waterproofing” (Secretariat: NEN, Netherlands).

The responsible German body involved in its preparation was the *Normenausschuss Kunststoffe* (Plastics Standards Committee), Working Committee NA 054-04-03 AA *Baubahnen*.

Amendments

This standard differs from DIN EN 13956:2007-04 as follows:

- a) the external fire performance has been limited to Class F;
- b) new extended mounting and fixing rules have been specified;
- c) indirect testing for factory production control has been introduced;
- d) the standard has been editorially revised.

Previous editions

DIN EN 13956: 2006-02, 2007-04

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

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Roofing system related characteristics	7
5 Product characteristics	7
5.1 General.....	7
5.2 General characteristics	7
5.2.1 Visible defects.....	7
5.2.2 Dimensions, tolerances and mass per unit area	7
5.2.3 Watertightness	8
5.2.4 Effects of liquid chemicals including water.....	8
5.2.5 Fire performance.....	8
5.2.6 Hail resistance.....	9
5.2.7 Joint strength.....	9
5.2.8 Water vapour properties	9
5.2.9 Tensile properties (strength and elongation)	9
5.2.10 Resistance to impact.....	9
5.2.11 Resistance to static loading	9
5.2.12 Tear resistance.....	10
5.2.13 Resistance to root penetration.....	10
5.2.14 Dimensional stability	10
5.2.15 Foldability at low temperature.....	10
5.2.16 Behaviour following exposure to UV radiation, elevated temperature and water	10
5.2.17 Resistance to ozone	10
5.2.18 Exposure to contact with bitumen	10
5.3 Dangerous substances	11
6 Evaluation of conformity.....	11
6.1 General.....	11
6.2 Type testing.....	11
6.3 Factory production control (FPC)	11
6.3.1 General.....	11
6.3.2 Frequency of testing	12
7 Product data sheet.....	12
8 Marking, labelling and packaging	12
Annex A (normative) Applicability of characteristics.....	14
Annex B (normative) Initial type test and frequencies of testing for factory production control.....	16
Annex C (informative) Information about chemical resistance	17
Annex D (informative) Example of a product data sheet.....	19
Annex 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
Bibliography.....	38