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

Interested committees:

Title: Draft BS EN 18088 Flexible sheets for waterproofing. Plastics recycling and recycled plastics. Plastic waterproofing sheets.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

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 - Plastics recycling and recycled plastics - Plastic waterproofing sheets

Feuilles souples d'étanchéité - Recyclage des plastiques
et plastiques recyclés - Feuilles plastiques pour
l'étanchéité

Abdichtungsbahnen - Kunststoffrecycling und recycelte
Kunststoffe - Kunststoffbahnen für Abdichtungen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 254.

If this draft becomes a European Standard, 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.

This draft European Standard 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.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 18088:2024) 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 CEN Enquiry.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Introduction

This document is in accordance with the European Commission implementing decision M/584 on a standardization request to the European Committee for Standardization and the European Committee for Electrotechnical Standardization as regards plastics recycling and recycled plastics in support of the European Strategy for Plastics in a Circular Economy.

A plastic waterproofing sheet is an article as identified in article 3 of Regulation (EU) N° 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. Based on current knowledge, plastic waterproofing sheets do not contain SVHC (Substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

Under the umbrella from the European Union's Waste Framework Directive 2008/98/EC recycling of waste is one type of material recovery process intended to save resources (virgin raw materials, water, and energy), while minimizing harmful emissions into air, water, and soil as well as any impacts on human health. The environmental impact of recycling should be assessed over the whole life cycle of the recycling process.

It might be impossible to trace back each individual product including components of the product at the end user stage and to check whether the product has been used correctly through its life. It is possible that during this period contamination with other materials might occur that could affect the product's suitability for recycling into the intended application.

1 Scope

Plastic waterproofing sheets generate plastic waste at different stages: production, construction process, use and end of life.

This document defines the origin of recyclate made from pre-consumer material and post-consumer material as it is used in new products. These new products can be plastic waterproofing sheets, other sheets, other construction products or other products.

It specifies terms and definitions.

It gives guidance for assessing the recyclates intended for use in the production of new products.

NOTE This document is suitable for products with similar content like: swimming pool membranes, geosynthetic barriers, garden ponds, walk-ways, protection membranes, prefabricated pieces. The design for recycling of packaging, including the recycling itself, is defined in the CEN TC 261 Packaging.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13956, *Flexible sheets for waterproofing — Plastic and rubber sheets for roof waterproofing — Definitions and characteristics*

EN 13967, *Flexible sheets for waterproofing — Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet — Definitions and characteristics*

EN 14909, *Flexible sheets for waterproofing — Plastic and rubber damp proof courses — Definitions and characteristics*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

batch

quantity of material regarded as a single unit, and having a unique reference

3.2

certificate of analysis

CoA

document produced by manufacturers certifying that the product they manufactured conforms to their customer's requirements

Note 1 to entry: A formal certificate of analysis can be replaced by an internal procedure documented in the factory production control (FPC) system for recycling of plastic materials within the same manufacturer location.