



BSI Standards Publication

**Methods for providing information
relating to material efficiency aspects
of energy-related products**

National foreword

This British Standard is the UK implementation of EN 45559:2019.

The UK participation in its preparation was entrusted to Technical Committee SDS/3/5, Energy-related products - Material Efficiency Aspects for Ecodesign.

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

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English Version

Methods for providing information relating to material efficiency aspects of energy-related products

Méthode de communication des informations sur l'utilisation
rationnelle des matériaux dans les produits liés à l'énergie

Verfahren zur Bereitstellung von Informationen über
Materialeffizienz Aspekte energieverbrauchsrelevanter
Produkte

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European foreword

This document [EN 45559:2019] has been prepared by CEN/CLC/JTC 10 “Energy-related Products - Material Efficiency Aspects for Ecodesign”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-02-06
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2022-02-06

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The dual logo CEN-CENELEC standardization deliverables, in the numerical range of 45550 – 45559, have been developed under standardization request M/543 of the European Commission and are intended to potentially apply to any product within the scope of the Directive 2009/125/EC concerning energy-related products (ErP).

Topics covered in the above standardization request are linked to the following material efficiency aspects:

- a) Extending product lifetime;
- b) Ability to reuse components or recycle materials from products at end-of-life;
- c) Use of reused components and/or recycled materials in products.

These standards are general in nature and describe or define fundamental principles, concepts, terminology or technical characteristics. They can be cited together with other product publications, e.g. developed by product technical committees.

This document is intended to be used by technical committees when producing horizontal, generic, and product-specific, or product-group, publications.

Introduction

This document describes a general method for the communication of material efficiency (ME) aspects of energy-related products (ErP). It is intended to be used when developing a communication strategy in horizontal, generic, product-specific, or product-group publications.

This document relates to the standards in the numerical range of “EN 45552 – 45558” developed under the standardization request M/543 [1]. While the other standards will provide methods to assess or measure specific ME topics, this document focuses on the communication of the various topic-related content.

Legislation can require that ME information is provided to specific intended audience and is verifiable, accurate, relevant and not misleading. Therefore, this document describes how intended audiences (end-users, professionals or market surveillance authorities) are taken into account, as well as the means of communication and media for providing the ME information.

1 Scope

This document establishes a common method for the provision of information related to the material efficiency (ME) aspects of ErP. It has two key intentions:

- it requires generic or horizontal ME topic publications to include a clause with an overview of the specific topic-related content to be reported; and
- it includes a generic method on how to create a communication strategy which will be used when preparing product-specific, or product-group, publications.

NOTE Through-out this document, the term “product” refers to “a specific product or a group of products”.

2 Normative references

There are no normative references in this document.

3 Terms, definitions and definitions

3.1 Terms and definitions

There are no terms and definitions listed in this document.

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

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

NOTE See GEN-CLC TR 45550 [2] for definitions related to ME of ErP.

3.2 Abbreviations

CRM	Critical Raw Material
EEE	Electrical and Electronic Equipment
ErP	Energy-related Product
ME	Material Efficiency
NFC	Near Field Communication
QR code	Quick Response code
RFID	Radio-Frequency Identification Device
WEEE	Waste Electrical and Electronic Equipment

4 Method for providing information on ME

4.1 General

When planning the delivery of information on ME topics, added clarity and consistency can be gained by breaking down that information, namely:

- The specific ME topic and the related content;
- The target audiences that are likely to receive the information and the corresponding data sensitivity levels;
- The means of communication and media best suited to deliver the information.