

STN	Všeobecná metóda na posúdenie podielu znovupoužitých komponentov v energeticky významných výrobkoch	STN EN 45556 36 9092
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General method for assessing the proportion of reused components in energy-related products

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

General method for assessing the proportion of reused components in energy-related products

Méthode générale d'évaluation de la proportion de composants réutilisés dans les produits liés à l'énergie

Allgemeines Verfahren zur Bewertung des Anteils an wiederverwendeten Komponenten in energieverbrauchsrelevanten Produkten

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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 and CENELEC member.

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Comité Européen de Normalisation Electrotechnique
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 45556:2019) 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) 2020-04-15
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2022-04-15

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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 energy-related products (ErP) Directive (2009/125/EC).

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-specific or product-group standards, e.g. developed by product technical committees.

This document is intended to be used by product technical committees when producing product-specific or product-group standards.

EN 45556:2019 (E)**Introduction**

This document provides general methods for assessing the proportion of reused components in an energy-related product. Four calculation methods based on mass of re-used components and the number of reused components are presented. Other methods may exist and be more suitable for certain products or product-groups. While writing product standards on assessing the proportion of reused components product technical committees should apply the most suitable methods for their product-group.

1 Scope

This document deals with the assessment of the proportion of reused components in energy-related products on a generic level, which can be applied at any point in the life of the product.

This document is intended to be used by product technical committees when producing product, or product-group, standards.

This document can be applied where no product-specific standard exists.

Aspects like performance, validation, verification and suitability of reused components are not in the scope of this document.

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 45559:2019, *Methods for providing information relating to material efficiency aspects of energy-related products*

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