



SLOVENSKI STANDARD

SIST EN 16510-2-5:2025

01-julij-2025

Nadomešča:
SIST EN 15250:2007

Grelne naprave na trdna goriva za stanovanjske stavbe - 2-5. del: Naprave, ki počasi oddajajo toploto

Residential solid fuel burning appliances - Part 2-5: Slow heat release appliances

Häusliche Feuerstätten für feste Brennstoffe - Teil 2-5: Speicherfeuerstätten

Appareils de chauffage domestiques à combustible solide - Partie 2-5: Appareils à libération lente de chaleur (SHRA)

Ta slovenski standard je istoveten z: EN 16510-2-5:2025

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ICS:

97.100.30	Grelniki na trdo gorivo	Solid fuel heaters
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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 16510-2-5

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English Version

**Residential solid fuel burning appliances - Part 2-5: Slow
heat release appliances**

Appareils de chauffage domestiques à combustible
solide - Partie 2-5: Appareils à libération lente de
chaleur (SHRA)

Häusliche Feuerstätten für feste Brennstoffe - Teil 2-5:
Speicherfeuerstätten

This European Standard was approved by CEN on 7 April 2025.

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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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EN 16510-2-5:2025 (E)**European foreword**

This document (EN 16510-2-5:2025) has been prepared by Technical Committee CEN/TC 295 “Residential solid fuel burning appliances”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2025, and conflicting national standards shall be withdrawn at the latest by October 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 15250:2007.

EN 16510-2-5 includes the following significant technical changes with respect to EN 15250:2007:

- the scope is updated with space heating appliances in residential buildings that can be fitted with a boiler or heat exchanger (integral part of the appliance containing water to be heated up) for the supply of hot water for central heating systems integral boiler or heat exchanger water heat output
- Measurement methods for NO_x, hydrocarbon and particulate matter emissions for solid fuel burning appliances;
- specifications for classification of solid fuel burning appliances and system boundaries for room sealed appliances;
- requirements for the safety of solid fuel burning appliances with water-bearing components added;
- Annex ZA updated according to requirements of M/577;
- Assessment and verification of constancy of performance – AVCP 3+ added;
- energy efficiency and energy class labelling and seasonal space heating efficiency added;
- requirements for environmental sustainability added.

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

For relationship with (EU) Regulation 305/2011, see informative Annex ZA, which is an integral part of this document.

The structure of EN 16510, *Residential solid fuel burning appliances*, is as follows:

- Part 1: *General requirements and test methods*;
- Part 2-1: *Roomheaters*;
- Part 2-2: *Inset appliances including open fires*;
- Part 2-3: *Cookers*;
- Part 2-4: *Independent boilers – Nominal heat output up to 50 kW*;

- Part 2-5: *Slow heat release appliances*;
- Part 2-6: *Mechanically by wood pellets fed roomheaters, inset appliances and cookers*.

Other sections of Part 2 will be added to cover residential solid fuel burning appliances not included in parts 2-1 to 2-6.

Subclauses and Figures which are additional to those in EN 16510-1:2022 are numbered starting with 501. Annexes which are additional to those in EN 16510-1:2022 are numbered starting with EA.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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