



SLOVENSKI STANDARD
SIST EN 60335-2-11:2011/A2:2019
01-marec-2019

Gospodinjiski in podobni električni aparati - Varnost - 2-11. del: Posebne zahteve za bobenske sušilnike - Dopolnilo A2

Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-11: Besondere Anforderungen für Trommelrockner

Appareils électrodomestiques et analogues - Sécurité - Partie 2-11: Règles particulières pour les sèche-linge à tambour

[SIST EN 60335-2-11:2011/A2:2019](https://standards.iteh.ai/catalog/standards/sist/b25fe47a-78a3-48a2-b666-6bf20a1cc9d7/sist-en-60335-2-11-2011-a2-2019)

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Ta slovenski standard je istoveten z: EN 60335-2-11:2010/A2:2018

ICS:

13.120	Varnost na domu	Domestic safety
97.060	Aparati za nego perila	Laundry appliances

SIST EN 60335-2-11:2011/A2:2019 **en**

iTeh STANDARD PREVIEW
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SIST EN 60335-2-11:2011/A2:2019

<https://standards.iteh.ai/catalog/standards/sist/b25fe47a-78a3-48a2-b666-6bf20a1cc9d7/sist-en-60335-2-11-2011-a2-2019>

EUROPEAN STANDARD

EN 60335-2-11:2010/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2018

ICS 13.120; 97.060

English Version

Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers (IEC 60335-2-11:2008/A2:2015 , modified)

Appareils électrodomestiques et analogues - Sécurité -
Partie 2-11: Règles particulières pour les sèche-linge à
tambour
(IEC 60335-2-11:2008/A2:2015 , modifiée)

Sicherheit elektrischer Geräte für den Hausgebrauch und
ähnliche Zwecke - Teil 2-11: Besondere Anforderungen für
Trommel Trockner
(IEC 60335-2-11:2008/A2:2015 , modifiziert)

This amendment A2 modifies the European Standard EN 60335-2-11:2010; it was approved by CENELEC on 2018-05-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

<https://standards.iteh.ai/catalog/standards/sist/b25fe47a-78a3-48a2-b666-60335-2-11:2011/a2:2019>

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

EN 60335-2-11:2010/A2:2018 (E)

European foreword

This document (EN 60335-2-11:2010/A2:2018) consists of the text of IEC 60335-2-11:2008/A2:2015 prepared by IEC/TC 61 "Safety of household and similar electrical appliances", together with the common modifications prepared by CLC/TC 61 "Safety of household and similar electrical appliances".

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-06-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-12-21

This amendment supplements or modifies the corresponding clauses of EN 60335-1:2012 including its amendments and EN 60335-2-11:2010+A11:2012+A1:2015.

NOTE This amendment was established on the basis of EN 60335-1:2012+A11:2014.

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

[SIST EN 60335-2-11:2011/A2:2019](https://standards.iteh.ai/catalog/standards/sist/b25fe47a-78a3-48a2-b666-6bf20a1cc9d7/sist-en-60335-2-11-2011-a2-2019)

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Endorsement notice

The text of the International Standard IEC 60335-2-11:2010/A2:2015 was approved by CENELEC as a European Standard with agreed common modifications.

COMMON MODIFICATIONS

7 Marking and instructions**7.1** *Delete the text between*

"When the provision of footnote ^d..." to ... "...visible during operation".

7.6 *Delete the addition***7.12** *Modification*

The text beginning "Children of less than..." shall be the last paragraph in the addition.

7.101 *Text was already deleted in EN 60335-2-11:2010/A11:2012.*

11 Heating**11.8** *Modification*

Delete Table Z101.

Add after the table the following text:

The temperature rises are measured with the door closed.

11.Z101 *Delete the subclause.*

SIST EN 60335-2-11:2011/A2:2019
<https://standards.iteh.ai/catalog/standards/sist/b25fe47a-78a3-48a2-b666-6bf20a1cc9d7/sist-en-60335-2-11-2011-a2-2019>

EN 60335-2-11:2010/A2:2018 (E)

Add the following Annex ZZ.

Annex ZZ (informative)

Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Compliance with Part 1 when used together with this Part 2 provides one means of conformity with the safety objectives.

Table ZZ.1 – Correspondence between this European Standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks/ Notes
1 a)	Clauses 4, 7	None
1 b)	Clauses 4, 7	None
1 c)	Clauses 4, 7	None
2 a)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
2 b)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
2 c)	Clauses 6, 7, 11, 15, 17, 18, 19, 20, 21, 22, 24, 25, 30, 32	None
2 d)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
3 a)	Clauses 6, 7, 11, 17, 18, 19, 20, 21, 22	None
3 b)	Clauses 7, 11, 15, 19, 22, 25, 32	None
3 c)	Clauses 6, 7, 9, 10, 11, 14, 17, 18, 19, 21, 22	None

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.



IEC 60335-2-11

Edition 7.0 2015-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Household and similar electrical appliances – Safety –
Part 2-11: Particular requirements for tumble dryers

Appareils électrodomestiques et analogues – Sécurité –
Partie 2-11: Règles particulières pour les sèche-linge à tambour

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ICS 13.120; 97.060

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FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this amendment is based on the following documents:

FDIS	Report on voting
61/5002/FDIS	61/5056/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

iTeh STANDARD PREVIEW

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

[SIST EN 60335-2-11:2011/A2:2019](https://standards.iTech.ai/catalog/standards/sist/b25f47a-78a3-48a2-b666-110101010101/sist-en-60335-2-11-2011-a2-2019)

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication.

7 Marking and instructions

7.6 *Delete the entire existing subclause.*

7.12 *Replace the second paragraph by the following:*

If symbol ISO 7000-0790 (2004-01) is used, its meaning shall be explained.

Add, after the existing last paragraph, as a second warning, the following new paragraph:

WARNING: The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.

7.14 *In the addition, replace the requirement by the following:*

The height of symbol ISO 7000-0790 (2004-01) shall be at least 15 mm.

7.101 Delete the entire existing subclause.

11 Heating

11.3 Replace the first sentence of the first paragraph of the addition by the following:

Where the accessible external surfaces are suitably flat and permit access for the test probe of Figure 101, then it may be used to measure the temperature rises of accessible external surfaces specified in Table 101.

Replace the existing note by the following:

NOTE 101 The probe can be held in place using a laboratory stand clamp or similar device.

11.8 In the addition, replace the first paragraph by the following new text and new table:

During the test, the temperature rises are monitored continuously and shall not exceed the values shown in Table 3 and Table 101.

Table 101 – Maximum temperature rises for accessible external surfaces under normal operating conditions with the door closed

Surface ^c	Temperature rise ^e K		
	Surfaces of appliances situated not more than 850 mm above the floor after installation		Surfaces situated more than 850 mm above the floor after installation ^d
	Front surfaces	Other surfaces ^d	
Bare metal	38	42	42
Coated metal ^a	42	49	49
Glass and ceramic	51	56	56
Plastic and plastic coating > 0,4 mm ^b	58	62	62

^a Metal is considered coated when a coating having a minimum thickness of 90 µm made by enamel or non-substantially plastic coating is used.

^b The temperature rise limit applies also for plastic material having a metal finish of thickness less than 0,1 mm.

^c When the thickness of plastic coating does not exceed 0,4 mm, the temperature rise limits of coated metal or glass and ceramic apply.

^d If these values are exceeded, the test is allowed to be repeated with the appliance moved away from the test corner side wall. The test is repeated for 1 cycle.

^e Temperature rises are not measured on

- the underside of appliances intended to be used on a working surface or floor;
- the rear surface of appliances;
- surfaces that are inaccessible to a 75 mm diameter probe having a hemispherical end.

16 Leakage current and electric strength

16.2 In the modification, add “combined” after “class I”.

20 Stability and mechanical hazards

20.102 Delete the second paragraph of the requirement.