

DEKORATIIVSED SEINAKATTED. RULLKATTED

Decorative wallcoverings - Roll form

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 15102:2019 sisaldab Euroopa standardi EN 15102:2019 ingliskeelset teksti.	This Estonian standard EVS-EN 15102:2019 consists of the English text of the European standard EN 15102:2019.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 12.06.2019.	Date of Availability of the European standard is 12.06.2019.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 91.180

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:
Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

English Version

Decorative wallcoverings - Roll form

Revêtements muraux décoratifs - Rouleaux

Dekorative Wandbekleidungen - Rollen

This European Standard was approved by CEN on 7 October 2018.

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. 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 member.

This European Standard exists 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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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

Contents

Page

European foreword.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	6
4 Product's characteristics.....	7
4.1 Reaction to fire.....	7
4.1.1 General.....	7
4.1.2 Classification without testing	7
4.1.3 Classification based on test results.....	8
4.2 Release and emission of formaldehyde	8
4.2.1 General.....	8
4.2.2 Assessment without testing.....	8
4.2.3 Assessment based on test results.....	9
4.3 Migration of heavy metals and specific elements.....	9
4.3.1 General.....	9
4.3.2 Assessment without testing.....	9
4.3.3 Assessment based on test results.....	9
4.4 Release of vinyl chloride monomer.....	10
4.4.1 General.....	10
4.4.2 Assessment without testing.....	10
4.4.3 Assessment based on test results.....	11
4.5 Content of specific dangerous substances.....	11
4.5.1 General.....	11
4.5.2 Assessment without testing.....	11
4.5.3 Assessment based on test results.....	11
4.6 Emission of other dangerous substances into indoor air.....	12
4.6.1 General.....	12
4.6.2 Assessment without testing.....	12
4.6.3 Assessment based on test results.....	12
4.7 Sound absorption.....	12
4.8 Thermal resistance.....	13
5 Assessment and verification of constancy of performance (AVCP)	13
5.1 General.....	13
5.2 Type testing.....	13
5.2.1 General.....	13
5.2.2 Test samples, testing and compliance criteria.....	14
5.2.3 Test reports.....	15
5.2.4 Shared other party results.....	16
5.2.5 Cascading determination of the product type results	16
5.3 Factory production control (FPC)	17
5.3.1 General.....	17
5.3.2 Requirements.....	18
5.3.3 Product specific requirements.....	20
5.3.4 Initial inspection of the manufacturing plant and of FPC.....	21
5.3.5 Continuous surveillance, assessment and validation of FPC.....	21

5.3.6	Procedure for modifications.....	21
5.3.7	One-off products, pre-production products (e.g. prototypes) and products produced in very low quantity	22
6	Marking, labelling and packaging.....	22
Annex A	(normative) Extended application rules within a group of product for the reaction to fire tests	23
Annex B	(informative) Information to be provided in the supplier's declaration on dangerous substances in raw materials or constituent products.....	25
Annex ZA	(informative) Relationship of this European Standard with Regulation (EU) No.305/2011	28
Bibliography	33

European foreword

This document (EN 15102:2019) has been prepared by Technical Committee CEN/TC 99 “Wallcoverings”, the secretariat of which is held by AFNOR.

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 December 2019 and conflicting national standards shall be withdrawn at the latest by December 2019.

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 15102:2007+A1:2011.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

For relationship with Regulation No 305/2011, see informative Annex ZA, which is an integral part of this document.

The significant technical changes between this European Standard and the previous edition are listed below:

- changes of Annex ZA according to the new model;
- changes concerning the dangerous substances;
- suppression of the wallcoverings in panels form from the standard.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document applies to wallcoverings in roll form supplied for hanging onto internal walls, partitions or ceilings, by means of an adhesive, whose primary purpose is decorative. However, certain wallcoverings in roll form may confer minor sound absorption and thermal resistance properties.

The European Standards for wallcoverings in roll form to which this document relates, and which provide additional product definitions and requirements, include the following:

- finished wallpapers, wall vinyls and plastics wallcoverings (EN 233);
- wallcoverings for subsequent decoration (EN 234);
- textile wallcoverings (EN 266);
- Cork rolls (EN 13085);
- heavy duty wallcoverings (EN 259-1).

This document also provides for the assessment and verification of constancy of performance (AVCP) of characteristics and marking of these products.

It does not apply to wallcoverings whose primary purpose is structural or protective.

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 1122:2001, *Plastics — Determination of cadmium — Wet decomposition method*

EN 12149:1997, *Wallcoverings in roll form - Determination of migration of heavy metals and certain other elements, of vinyl chloride monomer and of formaldehyde release*

EN 12667:2001, *Thermal performance of building materials and products — Determination of thermal resistance by means of guarded hot plate and heat flow meter methods — Products of high and medium thermal resistance*

EN 13238:2010, *Reaction to fire tests for building products — Conditioning procedures and general rules for selection of substrates*

EN 13501-1:2018, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13823:2010+A1:2014, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

EN 16516:2017, *Construction products: Assessment of release of dangerous substances — Determination of emissions into indoor air*

CEN/TS 15968:2010, *Determination of extractable perfluorooctanesulphonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams — Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS*

EN ISO 354:2003, *Acoustics — Measurement of sound absorption in a reverberation room (ISO 354:2003)*

EN ISO 10456:2007, *Building materials and products — Hygrothermal properties — Tabulated design values and procedures for determining declared and design thermal values (ISO 10456:2007)*

EN ISO 11654:1997¹⁾, *Acoustics — Sound absorbers for use in buildings — Rating of sound absorption (ISO 11654:1997)*

EN ISO 11925-2:2010, *Reaction to fire tests — Ignitability of products subjected to direct impingement of flame — Part 2: Single-flame source test (ISO 11925-2:2010)*

3 Terms and definitions

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

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>

3.1

product group

range of products within defined limits of variability (defined by the manufacturer or a technical specification) of the product parameters and, if relevant, end-use parameters, for which the reaction to fire performance remains unchanged (does not get worse)

3.2

product parameter

aspect of a product which can vary and have an influence on the product's performance, for example, reaction to fire

Note 1 to entry: It covers aspects such as thickness, composition, density.

3.3

end use application

real application of a product, in relation to all aspects that influence the behaviour of that product under different fire situations

Note 1 to entry: It covers aspects such as its quantity, its orientation, its position in relation to other adjacent products and its method of fixing as given in the relevant standards, referred in EN 13501-1:2018.

3.4

use application parameter

aspect of the mounting and fixing arrangement of a product reflecting/simulating its end-use application which can affect the fire performance

Note 1 to entry: It covers aspects such as type of substrate, fixing method, position and type of joints.

1) EN ISO 11654 is currently under revision.