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Stenske obloge v zvitkih - Specifikacija za stenske obloge za poznejšo dekoracijo

Wallcoverings in roll form - Specification for wallcoverings for subsequent decoration

Wandbekleidungen in Rollen - Festlegungen für Wandbekleidungen für nachträgliche
Behandlung

Revêtements muraux en rouleaux - Specifications pour revêtements muraux pour
décoration ultérieure

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ICS:

91.180 Notranja zaključna dela Interior finishing

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 234

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English Version

**Wallcoverings in roll form - Specification for wallcoverings
for subsequent decoration**

Revêtements muraux en rouleaux - Spécifications pour
revêtements muraux pour décoration ultérieure

Wandbekleidungen in Rollen - Festlegungen für
Wandbekleidungen für nachträgliche Behandlung

This European Standard was approved by CEN on 11 June 2019.

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, 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, Turkey and United Kingdom.

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

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European foreword

This document (EN 234:2019) 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 June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.

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 234:1989, EN 234:1989/A1:1996 and EN 234:1989/AC:1997.

EN 234:2019 includes the following significant technical changes with respect to EN 234:1989, EN 234:1989/A1:1996 and EN 234:1989/AC:1997:

- Annex B, Method of measuring dimensions: Withdrawn as the reference to EN 12956 was added;
- Annex C, Designation: Withdrawn as requirement is obsolete.

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, Turkey and the United Kingdom.

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EN 234:2019 (E)**Introduction**

Wallcoverings for subsequent decoration are those wallcoverings intended for decoration after hanging, for example, by the application of paint. They are normally relief or ingrain wallcoverings. These wallcoverings do not, in general, have as good washability and colour fastness to light before their subsequent decoration as have finished wallcoverings which are not intended to be decorated after hanging.

Related European Standards on the vocabulary and symbols used in the wallcovering industry and for finished wallpapers, wall vinyls and plastics wallcoverings are also published.

Other European Standards covering textile wallcoverings and heavy duty wallcoverings are in preparation.

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1 Scope

This document:

- specifies requirements for dimensions and marking;
- gives the symbols to be used for marking purposes, for matching, methods of application and removal.

The marking requirements of this document are primarily for information for the consumer and to enable optimum use to be made of the product.

This document applies to wallcoverings for subsequent decoration supplied in rolls for hanging on to walls and ceilings by means of an adhesive, covering the whole of the interface between the wallcovering and the support.

Excluded from this document are rigid materials, materials not attached or not wholly attached by adhesive, finished wallpapers, wall vinyls, plastics wallcoverings, textile wallcoverings, heavy duty wallcoverings and non-decorative wallcoverings such as wall linings or those with special properties, e.g. thermal or acoustic insulation.

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 233, *Wallcoverings in roll form — Specification for finished wallpapers, wall vinyls and plastics wallcoverings*

[SIST EN 234:2020](#)

EN 235, *Wallcoverings — Vocabulary and symbols*

<https://standards.iteh.ai/catalog/standards/sist/85ca7179-a2f1-4917-82b0-466b3d919659/sist-en-234-2020>

EN 12956, *Wallcoverings in roll form — Determination of dimensions, straightness, spongeability and washability*

EN ISO 186, *Paper and board — Sampling to determine average quality (ISO 186)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 235 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>

EN 234:2019 (E)**4 Dimensions****4.1 General**

The area of the roll shall be not less than 5,326 m² and shall be declared; the permitted deviation from the declared value shall be not more than $\pm 3\%$.

The nominal width and length shall be declared; the permitted deviation from the declared values shall be not more than $\pm 1,5\%$.

4.2 Method of measuring dimensions

The dimensions specified for the wallcovering shall be measured in accordance with the requirements of EN 12956. See Annex A for sampling requirements.

4.3 Straightness and parallelity of the edges

The straightness and parallelity of the edges shall be measured in accordance with the requirements of EN 12956.

The edges of the roll shall be straight and parallel over its entire length, with the following tolerances:

- straightness: over any 1 m length, the edges shall not deviate more than 1 mm from straight;
- parallelity: the 3 width measurements taken in accordance with the requirements of EN 12956 shall not differ by more than 1 mm.

5 Spongeability, washability and colour fastness to light

There are no specific requirements for spongeability, washability or colour fastness to light.

The wallcovering may be claimed to have these attributes corresponding to the standard for finished wallcoverings. If such attributes are claimed, the wallcoverings shall be tested in accordance with the relevant methods specified in EN 233 and marked as indicated therein.

6 Matching, application, removal and miscellaneous symbols

- 6.1** The symbols to be used for indicating pattern matching are given in Table 1, serials 4.1 to 4.4.
- 6.2** The symbols to be used for indicating the method of application are given in Table 1, serials 5.1 to 5.3.
- 6.3** The symbols to be used for indicating the method of removal are given in Table 1, serials 6.1 to 6.3.
- 6.4** The symbols to be used for indicating the desirability of overlapping joins and double cutting, and for a duplex embossed wallcovering are given in Table 1, serials 7.1 and 7.2 respectively.

Table 1 — Symbols for marking purposes

Category and serial number	Description	Symbol	Designation character	
4 Pattern matching				
4.1	Free match			
4.2	Straight match	 (with, added, the dimensions of design repeat in centimetres e.g. 50)		
4.3	Offset match	 (with, added, the dimensions of design repeat and distance offset, in centimetres, e.g. 50/25)		
4.4	Reverse alternate lengths			
5 Method of application a				
5.1	Adhesive to be applied to the wallcovering		G	J
5.2	Adhesive to be applied to the support to be decorated		H	
5.3	Prepasted (ready pasted)		K	
6 Method of removal				
6.1	Strippable		1	
6.2	Peelable		2	
6.3	Wet removable		3	