STN	Nábytok. Hodnotenie odolnosti povrchu proti mikropoškriabaniu.	STN P CEN/TS 16611
		91 0277

Furniture - Assessment of the surface resistance to microscratching

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/16

Táto predbežná STN je určená na overenie. Pripomienky zasielajte ÚNMS SR najneskôr do 31. 3. 2018.

Obsahuje: CEN/TS 16611:2016

Oznámením tejto normy sa ruší STN P CEN/TS 16611 (91 0277) z júla 2014

123049

TECHNICAL SPECIFICATION SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

CEN/TS 16611

March 2016

ICS 97.140

Supersedes CEN/TS 16611:2014

English Version

Furniture - Assessment of the surface resistance to microscratching

Ameublement - Évaluation de la résistance des surfaces aux micro-rayures

Möbel - Bestimmung der Mikrokratzbeständigkeit von Möbeloberflächen

This Technical Specification (CEN/TS) was approved by CEN on 18 January 2016 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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, 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: Avenue Marnix 17, B-1000 Brussels

Contents		Page	
European foreword3			
1	Scope	4	
2	Normative references	4	
3	Terms and definitions	4	
4	Principle	5	
5	Apparatus and materials	5	
5.1	Martindale tester	5	
5.2	Holder for scrub material	5	
5.3	Diffuse light source	5	
5.4	Reflectometer	5	
5.5	Positioning device	6	
5.6	Scrub materials	6	
5.7	Double-sided tape	6	
5.8	Cleaning cloth	7	
5.9	Reference black high gloss HPL		
6	Assembly and maintenance of the Martindale tester	7	
7	Preparation and conditioning	7	
7.1	Conditioning		
7.2	Test surface	7	
8	Test procedure	7	
8.1	General	7	
8.2	Testing	8	
8.2.1	Procedure A	8	
8.2.2	Procedure B	8	
9	Test report	9	
Anne	x A (normative) Method for checking the Lissajous figure	10	
Anne	${f x}$ B (normative) Classification of the image after scratching according to procedu	re B 11	
Biblio	ography	13	

European foreword

This document (CEN/TS 16611:2016) has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

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

This document supersedes CEN/TS 16611:2014.

Compared to CEN/TS 16611:2014, the following modification has been made:

— in 8.2.2.1 "2 or 3" is replaced by "3 or 4".

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this Technical Specification: 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This Technical Specification specifies a method for the assessment of the surface resistance to microscratching and relates to rigid surfaces of all finished products regardless of materials.

Method A is suitable for all types of surface coatings and coverings except for lacquers with pearly or metallic effects.

Method B is suitable for all types of surface.

It does not apply to finishes on leather and fabrics.

The test is intended to be carried out on a part of finished furniture, but can be carried out on test panels of the same material, finished in an identical manner to the finished product, and of a size sufficient to meet the requirements of the test.

It is essential that the test is carried out on unused surfaces.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 2813, Paints and varnishes - Determination of gloss value at 20°, 60° and 85° (ISO 2813)

EN ISO 12945-2, Textiles - Determination of fabric propensity to surface fuzzing and to pilling - Part 2: Modified Martindale method (ISO 12945-2)

EN ISO 12947-1, Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 1: Martindale abrasion testing apparatus (ISO 12947-1)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN