

ICS 97.140

English Version

Furniture - Classification for properties for furniture surfaces

Ameublement - Classification des propriétés des surfaces
d'ameublement

Möbel - Klassifizierung von Möbeloberflächen

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Foreword

This document (CEN/TS 16209:2011) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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Introduction

This document is a working document for the classification of the resistance of furniture surfaces according to the following properties:

- Resistance to dry heat
- Resistance to wet heat
- Resistance to cold liquids
- Resistance to abrasion
- Resistance to scratching

NOTE Classification for other important properties for furniture surfaces, such as adhesion or light fastness, are included in EN ISO 2409:2007 and EN 15187:2006.

1 Scope

This Technical Specification specifies a system for the classification of the resistance to:

- Dry heat
- Wet heat
- Cold liquids
- Abrasion
- Scratching

For resistance to dry heat, resistance to wet heat, and resistance to cold liquids, this Technical Specification applies to all furniture surfaces regardless of materials, except finishes on leather and fabrics.

The classification for the surface resistance to abrasion applies to foil, laminate, melamine faced boards, pigmented and transparent coatings. It does not apply to the surfaces covered by EN 14434.

The classification for the surface resistance to scratching has two methods, A and B. Method A applies to all types of surface coatings and coverings except for melamine faced boards and HPL. Method B applies to all types of surfaces. It does not apply to finishes on leather and fabrics.

2 Normative references

The following referenced documents are indispensable for the application 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 12720, *Furniture – Assessment of surface resistance to cold liquids*

EN 12721, *Furniture – Assessment of surface resistance to wet heat*

EN 12722, *Furniture – Assessment of surface resistance to dry heat*

EN 15185:2011, *Furniture – Assessment of the surface resistance to abrasion*

prEN 15186:2010, *Furniture – Assessment of the surface resistance to scratching*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12720, EN 12721, EN 12722, EN 15185:2011 and prEN 15186:2010 apply.

4 Classification

4.1 General

This is a classification system for five properties.