



NSAI
Standards

Irish Standard
I.S. EN ISO 13894-2:2015

High-pressure decorative laminates -
Composite elements - Part 2 : Specifications
for composite elements with wood-based
substrates for interior use (ISO 13894-
2:2005)

I.S. EN ISO 13894-2:2015

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EUROPEAN STANDARD

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High-pressure decorative laminates - Composite elements - Part 2 : Specifications for composite elements with wood-based substrates for interior use (ISO 13894-2:2005)

Stratifiés décoratifs haute pression - Éléments composites -
Partie 2: Spécifications des éléments composites avec
substrats à base de bois pour l'usage intérieur (ISO 13894-
2:2005)

Dekorative Hochdruck-Laminat - Verbundelemente - Teil
2: Spezifikationen für Verbundelemente mit holzbasierten
Substraten für Innenräume (ISO 13894-2:2005)

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EN ISO 13894-2:2015 (E)

Contents	Page
Foreword.....	3

Foreword

The text of ISO 13894-2:2005 has been prepared by Technical Committee ISO/TC 61 “Plastics” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 13894-2:2015 by Technical Committee CEN/TC 249 “Plastics” the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

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Endorsement notice

The text of ISO 13894-2:2005 has been approved by CEN as EN ISO 13894-2:2015 without any modification.

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ISO
13894-2

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High-pressure decorative laminates — Composite elements —

Part 2: Specifications for composite elements with wood-based substrates for interior use

Stratifiés décoratifs haute pression — Éléments composites —

*Partie 2: Spécifications des éléments composites avec substrats à base
de bois pour l'usage intérieur*



Reference number
ISO 13894-2:2005(E)

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Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	1
4 Requirements	2
5 Properties	2
5.1 Appearance	2
5.2 Dimensional tolerances	3
5.3 Surface bond strength.....	6
5.4 Perpendicular tensile strength	6
5.5 Glue-line quality	6
5.6 Substrate protection against water vapour (thickness swell)	6
5.7 Surface impact resistance	6
Annex A (informative) Optional properties	7
A.1 General.....	7
A.2 Resistance to axial withdrawal of wood screws (screw-holding).....	7
A.3 Resistance to elevated temperature (short-term exposure)	7
A.4 Resistance to elevated temperature (long-term exposure)	7
A.5 Resistance to water vapour	8
A.6 Flexural strength/flexural modulus of elasticity	8
A.7 Continuous-load capability.....	9
A.8 Water resistance (edge swell)	9
Annex B (informative) Reaction to fire	10
Annex C (informative) Formaldehyde emission	11

ISO 13894-2:2005(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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ISO 13894-2 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 11, *Products*.

ISO 13894 consists of the following parts, under the general title *High-pressure decorative laminates — Composite elements*:

- *Part 1: Test methods*
- *Part 2: Specifications for composite elements with wood-based substrates for interior use*

High-pressure decorative laminates — Composite elements —

Part 2: Specifications for composite elements with wood-based substrates for interior use

1 Scope

This part of ISO 13894 describes the general properties of composite elements surfaced, and possibly edged, with high-pressure decorative laminate (HPDL) as defined in Clause 3. The composite elements specified in this part of ISO 13894 consist of HPDL sheet material adhesively bonded to one or both sides of a wood-based substrate, and are intended for normal interior use.

Requirements for special applications, e.g. where the product is subjected to extreme conditions of heat or moisture, are not part of this part of ISO 13894, although Part 1 of this International Standard describes test methods for additional properties which may be applicable to such applications (see ISO 13894-1:2000, Subclause 3.1, Note 3).

Test methods and performance levels for special applications shall be agreed between customer and supplier. Information concerning test methods for special applications is given in Annex A.

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.

ISO 1096, *Plywood — Classification*

ISO 4586-1:2004, *High-pressure decorative laminates — Sheets made from thermosetting resins — Part 1: Classification and specifications*

ISO 13894-1:2000, *High-pressure decorative laminates — Composite elements — Part 1: Test methods*

ISO 17064, *Wood-based panels — Fibreboard, particleboard and oriented strand board (OSB) — Vocabulary*

3 Terms and definitions

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

3.1

high-pressure decorative laminate (HPDL) composite element with wood-based substrate

composite board produced by adhesively bonding high-pressure decorative laminate (HPDL) sheet material to one or both sides of a wood-based substrate

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