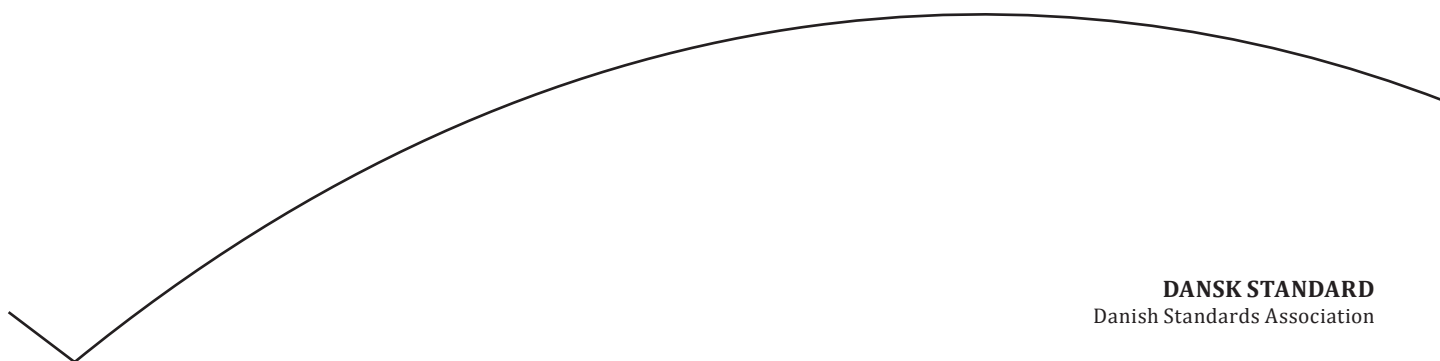


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Klæbestoffer – Træklæbestoffer – Bestemmelse af forskydningsstyrke ved overlapsamling ved forhøjet temperatur (WATT '91)

Adhesives – Wood adhesives – Determination of tensile strength of lap joints at elevated temperature (WATT '91)



DANSK STANDARD
Danish Standards Association

Göteborg Plads 1
DK-2150 Nordhavn

Tel: +45 39 96 61 01

Tel: +45 39 96 61 01

dansk.standard@ds.dk

www.ds.dk

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EUROPÄISCHE NORM

September 2019

ICS 83.180

Supersedes EN 14257:2006

English Version

Adhesives - Wood adhesives - Determination of tensile strength of lap joints at elevated temperature (WATT '91)

Adhésifs - Adhésifs pour bois - Détermination de la résistance en traction à température élevée des joints à recouvrement (essai WATT '91)

Klebstoffe - Holzklebstoffe - Bestimmung der Klebfestigkeit von Längskleblungen im Zugversuch in der Wärme (WATT'91)

This European Standard was approved by CEN on 5 August 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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document ([EN 14257:2019](#)) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.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 14257:2006](#).

In comparison with the previous edition, the following technical modifications have been made:

- [Clause 4](#) “Principle” revised;
- [5.1](#) relevant to tensile testing machine revised;
- [6.1](#) “Preparation of the bonded test pieces”: number of the test pieces modified;
- [Clause 7](#) “Test procedure” revised;
- [9.3](#) “Preparation of the test pieces and testing procedures” revised;
- [9.4](#) “Test results” revised.

SAFETY STATEMENT — Persons using this document should be familiar with the normal laboratory practice, in principle. This document does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any regulatory conditions.

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Adhesives – Wood adhesives – Determination of tensile strength of lap joints at elevated temperature (WATT '91)

1 Scope

This document specifies a method for testing the strength of wood adhesives at 80 °C.

NOTE — The procedure described is based on a test developed in Germany known originally as the WATT '91 test. It uses the test piece described in [EN 205](#).

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 205](#), *Adhesives — Wood adhesives for non-structural applications — Determination of tensile shear strength of lap joints*

[EN 923](#), *Adhesives — Terms and definitions*

[ISO 5893](#), *Rubber and plastics test equipment — Tensile, flexural and compression types (constant rate of traverse) — Specification*