

**Adhesives - Determination of tensile strength of
butt joints**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15870:2009 sisaldab Euroopa standardi EN 15870:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 29.05.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 22.04.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 15870:2009 consists of the English text of the European standard EN 15870:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 29.05.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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Võtmesõnad:

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English Version

Adhesives - Determination of tensile strength of butt joints (ISO 6922:1987 modified)

Adhésifs - Détermination de la résistance en traction des joints bout à bout (ISO 6922:1987 modifiée)

Klebstoffe - Bestimmung der Zugfestigkeit von Stumpfklebungen (ISO 6922:1987 modifiziert)

This European Standard was approved by CEN on 26 March 2009.

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Foreword

This document (EN 15870:2009) has been prepared by Technical Committee CEN/TC 193 "Adhesives", the secretariat of which is held by AENOR.

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of an identical text or by endorsement, at the latest by October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

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This document supersedes EN 29622:1993.

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1 Scope

This European Standard specifies a method for determining the bond strength of a butt joint when subjected to tensile force. The method can be applied to all types of adhesives. Although primarily intended for use under ambient conditions, the basic method can also be applied to testing under a wide range of temperature and other environmental conditions. The method requires rigid adherends that can be produced to the required dimensional tolerances and that will withstand the forces applied to them during the test.

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 13887 - *Structural Adhesives - Guidelines for surface preparation of metals and plastics prior to adhesive bonding*

EN ISO 291, *Plastics - Standard atmospheres for conditioning and testing (ISO 291:2008)*

EN ISO 7500-1, *Metallic materials – Verification of static uniaxial testing machines – Part 1: Tension/compression testing machines – Verification and calibration of the force-measuring system (ISO 7500-1:2004)*

EN ISO 10365, *Adhesives - Designation of main failure patterns (ISO 10365:1992)*