

**Lennunduse ja kosmonautika seeria -
Konstruktsiooniliimid - Teimimeetodid - Osa 3:
Rebiteim: metall-kärksüdamik**

Aerospace series - Structural adhesives - Test methods -
Part 3: Peeling test metal-honeycomb core

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 2243-3:2000 sisaldab Euroopa standardi EN 2243-3:1991 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

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English version

**Aerospace series
Structural adhesives
Test methods
Part 3 - Peeling test
metal-honeycomb core**

**Série aéronautique
Adhésifs structuraux
Méthodes d'essais
Partie 3 - Essai de pelage
métal-nid d'abeilles**

**Luft- und Raumfahrt
Strukturelle Klebstoffe
Prüfverfahren
Teil 3 - Trommelschälversuch
für Wabenkernverbunde**

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CEN

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Central Secretariat : Rue de Stassart, 36, B-1050 Bruxelles

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Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries and votes carried out in accordance with the rules of this Association, this Standard has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

According to the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard :

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

1 Scope and field of application

This standard specifies the test method for the determination of the peeling strength of structural adhesives on metal to honeycomb core at ambient and other temperatures.

2 References

- EN 2090 Aerospace series - Aluminium alloy 2024-T3 - Clad sheets and strips - $0,4 \leq a \leq 6$ mm ¹⁾
EN 2334 Aerospace series - Acid chromate pickle for aluminium alloys ²⁾
EN 2514 Aerospace series - Aluminium alloy 5052-H191 - Foils for honeycomb ²⁾.

3 Test samples

3.1 The shape and dimensions of the test pieces shall correspond with figure 1.

3.2 Materials

3.2.1 The honeycomb core shall be without perforations or additional corrosion protection.

3.2.2 Facing sheets : aluminium alloy see EN 2090.

4 Surface preparation

The surface preparation prior to bonding shall conform to EN 2334.

5 Bonding

The application of the adhesive system (adhesive and primer if applicable) and curing shall be carried out according to the instructions of the adhesive manufacturer or the material standard.

1) Published as AECMA standard

2) In preparation.