

Údarás um Chaighdeáin Náisiúnta na hÉireann

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EN 4408-003

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English version

Aerospace series - Technical drawings - Representation of parts made of composite materials - Part 3: Parts including core materials

Série aérospatiale - Dessins techniques - Représentation des articles en matériaux composites - Partie 3 : Articles intégrant des matériaux d'âme Luft- und Raumfahrt - Technische Zeichnungen -Darstellung von Teilen aus Verbundwerkstoffen - Teil 3: Teile mit Kernwerkstoffen

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Foreword

This document (EN 4408-003:2005) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-STAN).

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

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of an identical text or by endorsement, at the latest by November 2005, and conflicting national standards shall be withdrawn at the latest by November 2005.

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1 Scope

This standard specifies the rules for the representation of parts including core materials as well as the information to be indicated in technical drawings.

It applies to aerospace structures using core materials.

It shall be used together with EN 4408-001.

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 4408-001, Aerospace series – Technical drawings – Representation of parts made of composite materials – Part 1: General rules.

EN 4408-002, Aerospace series – Technical drawings – Representation of parts made of composite materials – Part 2: Laminated parts.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 4408-001 and the following apply.

3.1

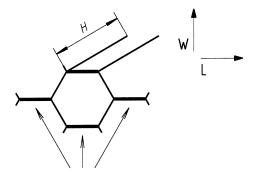
alveolar material

semi-finished product made of partly bonded or welded ribbons (before or after forming) to form geometrically identical patterns (see Figure 1 and Figure 2)

3.2

cell

basic closed unit of an alveolar, made of two successive tapes after forming ribbons (see Figure 1 and Figure 2)



NOTE A set of cells makes up the alveolar material

Figure 1



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