Aerospace series - Paints and varnishes - Corrosion resistant chromated two component cold curing primer - Part 002: High corrosion resistance

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EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 2435-002:2006 sisaldab Euroopa standardi EN 2435-002:2006 ingliskeelset teksti. Käesolev dokument on jõustatud 31.07.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 2435-002:2006 consists of the English text of the European standard EN 2435-002:2006. This document is endorsed on 31.07.2006 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This standard defines the requirements for a two component, chromated epoxy or polyurethane, high corrosion resistant primer with a degree of resistance to aircraft fluids which can be used with or without a finish for aerospace applications.	**Scope:** This standard defines the requirements for a two component, chromated epoxy or polyurethane, high corrosion resistant primer with a degree of resistance to aircraft fluids which can be used with or without a finish for aerospace applications.

ICS 49.040

Võtmesõnad:

EUROPEAN STANDARD

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EN 2435-002

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ICS 49.040

English Version

Aerospace series - Paints and varnishes - Corrosion resistant chromated two component cold curing primer - Part 002: High corrosion resistance

Série aérospatiale - Peintures et vernis- Peinture primaire anti-corrosion chromatée, à deux composants polymérisant à température ambiante - Partie 002 : Haute résistance à la corrosion

Luft- und Raumfahrt - Anstrichstoffe - Korrosionsbeständiger Zweikomponenten-Grundanstrich, kalthärtend, chromathaltig - Teil 002: Hohe Korrosionsbeständigkeit

This European Standard was approved by CEN on 27 February 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard (EN 2435-002:2006) has been prepared by the AeroSpace and Defense Industries Association of Europe - Standardization (ASD-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 ASD, 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 December 2006, and conflicting national standards shall be withdrawn at the latest by December 2006.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

0 Introduction

This standard is part of a series of EN non-metallic materials standards for aerospace applications.

The general organisation of this series is described in EN 4385.

This standard is a level 3 document as defined in EN 4385.

Definition of subcase numbering in Tables 2 to 5 is given in TR 7000-9.

1 Scope

This standard defines the requirements for a two component, chromated epoxy or polyurethane, high corrosion resistant primer with a degree of resistance to aircraft fluids which can be used with or without a finish for aerospace applications.

The properties specified in this standard are obtained on defined aluminium alloy test pieces prepared in accordance with EN 3837 and ISO 3270. The ability of the material to be used for a specific application (e.g. alternative substrate, alternative primer, specific drying conditions etc.) shall be determined by supplementary tests to confirm that the requirements of this standard are met.

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 2334, *Aerospace series — Chromic-sulphuric acid pickle of aluminium and aluminium alloys*

EN 2379, *Aerospace series — Fluids for assessment of non-metallic materials*[1)]

EN 2434-004, *Aerospace series — Paints and varnishes — Two component cold curing polyurethane finish — Part 004: High flexibility* [1)]

EN 2709, *Aerospace series — Aluminium alloy 2024-T3510 bar and section — 1,2 ≤ (a or D) ≤ 150 mm with peripheral coarse grain control*[1)]

EN 3837, *Aerospace series — Paints and varnishes — Nature and method for surface preparation of test pieces in aluminium alloys*[1)]

EN 3840, *Aerospace series — Paints and varnishes — Technical specification*[1)]

EN 4385, *Aerospace series — Non-metallic materials — General organisation of standardisation — Links between types of standards*[1)]

ISO 1513, Paints *and varnishes — Examination and preparation of samples for testing*

ISO 3270, *Paints and varnishes and their raw materials — Temperature and humidities for conditioning and testing*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

TR 7000-9, *Aerospace series — Non-metallic materials — Rules for the drafting and presentation of material standards — Part 9: Paints and varnishes*[2)]

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1) Published as ASD Prestandard at the date of publication of this standard.

2) Published as ASD Technical Report at the date of publication of the standard.