

IRISH STANDARD

I.S. EN 2101 : 1992

ICS 49.040

AEROSPACE SERIES - CHROMIC ACID

ANODIZING OF ALUMINIUM AND WROUGHT

ALUMINIUM ALLOYS

National Standards Authority of Ireland Glasnevin, Dublin 9 Ireland

Tel: +353 1 807 3800 Fax: +353 1 807 3838 http://www.nsai.ie

Sales

http://www.standards.ie

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on

August 21, 1992

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 1992

Price Code G

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

DECLARATION

OF

SPECIFICATION

ENTITLED

AEROSPACE SERIES

CHROMIC ACID ANODIZING OF ALUMINIUM AND WROUGHT ALUMINIUM ALLOYS

AS

THE IRISH STANDARD SPECIFICATION FOR

AEROSPACE SERIES

CHROMIC ACID ANODIZING OF ALUMINIUM AND WROUGHT ALUMINIUM ALLOYS

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

- 1. This instrument may be cited as the Standard Specification (Aerospace Series, Chromic Acid Anodizing of Aluminium and Wrought Aluminium Alloys) Declaration, 1992.
- 2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Aerospace Series, Chromic Acid Anodizing of Aluminium and Wrought Aluminium Alloys. The Schedule comprises the text of EN 2101:1991.
- (2) The said standard specification may be cited as Irish Standard/EN 2101 : 1992 or as I.S./EN 2101 : 1992.

This is a free page sample. Access the full version online.

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 2101

July 1991

UDC: 669.715.691.5:546.766-32:629.7

Key words: Aircraft industry, aluminium, aluminium alloys, rolled products, anodizing, chromic acid, setting-

up conditions, quality assurance, corrosion resistance, inspection.

English version

Aerospace series
Chromic acid anodizing
of aluminium and
wrought aluminium alloys

Série aérospatiale Anodisation chromique de l'aluminium et des alliages d'aluminium corroyés Luft- und Raumfahrt Chromsäure-Anodisieren von Aluminium und Aluminium-Knetlegierungen

This European Standard was accepted by CEN on 1990-06-28. CEN members are bound to comply with the requirements of CEN 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 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 CEN Central Secretariat has the same status as the official versions.

CEN members are the national standards organizations of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization Comité Européen de Normalisation Europäisches Komitee für Normung

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

Page 2 EN 2101:1991

Contents

1	Scope and field of application	4		
2	Purpose of anodizing	4		
3	References	4		
4	Material categories	5		
5	Supporting jig	5		
6	Processing sequence	5		
7	Quality assurance	7		
8	Designation	10		
Ann	ex A - Surface preparation recommendations	11		
Annex B - Inspection of the absorbing ability by anthraquinone violet drop test				
Ann	ex C - Inspection of corrosion resistance I immersion test in salt solution	by repeated	14	



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation