



SLOVENSKI STANDARD SIST EN 3552:2005

01-november-2005

**Aerospace series - Aluminium alloy AL-P2618A-T6 or T62 - Clad sheet and strip -
0,4 mm <a <6 mm**

Aerospace series - Aluminium alloy AL-P2618A-T6 or T62 - Clad sheet and strip - 0,4 mm <a <6 mm

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Luft- und Raumfahrt - Aluminiumlegierung AL-P2618A-T6 oder T62 - Bleche und Bänder,
plattiert - 0,4 mm <a <6 mm (**standards.iteh.ai**)

Série aérospatiale - Alliage d'aluminium AL-P2618A-T6 ou T62 - Tôles et bandes
plaquées - 0,4 mm <a <6 mm SIST EN 3552:2005
<https://standards.iteh.ai/catalog/standards/sist/a59f0019-t6a9-47f4-be0d-fb5125a25b6d/sist-en-3552-2005>

Ta slovenski standard je istoveten z: EN 3552:2005

ICS:

49.025.20 Aluminij Aluminium

SIST EN 3552:2005 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3552

June 2005

ICS 49.025.20

English version

Aerospace series - Aluminium alloy AL-P2618A-T6 or T62 - Clad
sheet and strip - 0,4 mm ≤a≤6 mm

Série aérospatiale - Alliage d'aluminium AL-P2618A-T6 ou
T62 - Tôles et bandes plaquées - 0,4 mm ≤a≤6 mm

Luft- und Raumfahrt - Aluminiumlegierung AL-P2618A-T6
oder T62 - Bleche und Bänder, plattierte - 0,4 mm ≤a≤6 mm

This European Standard was approved by CEN on 22 April 2005.

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.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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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

Foreword

This document (EN 3552:2005) 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 December 2005, and conflicting national standards shall be withdrawn at the latest by December 2005.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

This standard is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

This standard has been prepared in accordance with EN 4500-2.

1 Scope

This standard specifies the requirements relating to:

Aluminium alloy AL-P2618A
T6 or T62
Clad sheet and strip
 $0,4 \text{ mm} \leq a \leq 6 \text{ mm}$

for aerospace application.

2 Normative references

iTeh STANDARD PREVIEW (standards.iteh.ai)

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 3552:2005](#)

<https://standards.iteh.ai/catalog/standards/sist/a59f0019-f6a9-47f4-be0d-109125a2560d/sist/en-3552-2005>
EN 4258, Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use.

EN 4400-2, Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 2: Sheet and strip.¹⁾

EN 4500-2, Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 2: Specific rules for aluminium, aluminium alloys and magnesium alloys.¹⁾

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

44	External defects	-	See EN 4400-2.											
72	Cladding chemical composition %	-	See EN 4400-2.											
		7	Material designation	Aluminium alloy AL-P7072-										
			Element	Si + Fe	Cu	Mn	Mg	Zn	Others		AI			
				min.	-	-	-	0,8	Each	Total				
			max.	0,7	0,10	0,10	0,10	1,3	0,05	0,15	Base			
82	Batch uniformity	-	See EN 4400-2.											
		5	T6											
		7	Electrical conductivity				See EN 4400-2.							
95	Marking inspection	-	See EN 4400-2.											
96	Dimensional inspection	-	See EN 4400-2.											
98	Notes	-	^a Repeated re-solution heat treatment is not recommended due to the effects of copper diffusion in the cladding upon elevated temperature properties.											
99	Typical use	-	-											

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EN 3552:2005 (E)

100	-	Product qualification	-	See EN 4400-2. Qualification programme to be agreed between manufacturer and purchaser.
				<p style="text-align: center;">iTeh STANDARD PREVIEW (standards.iteh.ai)</p> <p style="text-align: center;">SIST EN 3552:2005 https://standards.iteh.ai/catalog/standards/sist/a59f0019-f6a9-47f4-be0d-fb5125a25b6d/sist-en-3552-2005</p>