



OFFICE LUXEMBOURGEOIS  
D'ACCREDITATION ET DE  
SURVEILLANCE

## Annex to the accreditation certificate

N°. 1/026

Standard: ISO/IEC 17025:2005

**Organism:**

**Eurofoil Innovation Centre**

41, rue du Brill

L-4422 Belvaux

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Document approved by :

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Head of department



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<b>Laboratory:</b>	Eurofoil Innovation Centre	<b>Standard:</b> ISO/IEC 17025:2005
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**Accreditation scope for a testing laboratory**

**Materials**

**General domain :** LAB13 – Properties of materials

**Technical domains :** LAB13.1 – Mechanical testing

<b>Objects submitted for testing</b> (e.g. products, materials, samples, matrices, equipment)	<b>Characteristics or properties measured</b>	<b>Measurement principle and equipment</b> (e.g. manual or automatic measurement)	<b>Test methods</b> (e.g. published, adapted, checked internally)
Aluminium alloys Foils thickness ≤400µm	Cupping ability Depth of punch to the emergence of a crack.	Stamping with a spherical punch until cracking.	Metallic materials - Sheet and strip - Erichsen cupping test ISO 20482
	Tensile ability Rm, A %	Application of a tensile strain up to rupture.  Maximum load tensile machine 2kN.	Metallic materials - Tensile testing - Part 1: Method of test at room temperature ISO 6892-1

**Technical domains :** LAB13.5 – Surface condition testing

<b>Objects submitted for testing</b> (e.g. products, materials, samples, matrices, equipment)	<b>Characteristics or properties measured</b>	<b>Measurement principle and equipment</b> (e.g. manual or automatic measurement)	<b>Test methods</b> (e.g. published, adapted, checked internally)
Aluminium alloys Foils thickness ≤400µm Sheets, plates	Specular gloss Ratio of the luminous flux reflected from a specimen to the luminous flux reflected from a standard surface under the same geometric conditions.	Surface testing Luminous flux measurement	Standard Test Method for Specular Gloss ASTM D523

**Technical domains : LAB13.2 – Chemical testing**

Aluminium alloys	Chemical composition for traces elements : Iron (Fe), Silicium (Si), Copper (Cu), Manganese (Mn), Magnesium (Mg), Titanium (Ti)	Metallurgical testing Material analysis by S-OES (Spark – Optical Emission Spectrometry).	Standard Test Method for Analysis of Aluminium and Aluminium Alloys by Spark Atomic Emission Spectrometry ASTM E1251
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