



0045 – Cert Nr. CPR-1499

DECLARATION OF PERFORMANCE

Alu-21-06-2013/3

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| 1. Product type: | Extruded profiles and precision profiles both with shapes H, O made of aluminum alloys |
| 2. Product type number: | Extruded aluminum from alloy 6005 |
| 3. Intended use: | Structural products for construction works |
| 4. Manufacturer: | ALUMIL S.A., Industrial Area Stavrochori – 61100 Kilkis – Greece |
| 5. Authorised representative: | See 4. |
| 6. System of assessment of performance: | System 2+ |
| 7. Reference harmonised standard: | EN 15088:2005 |
| 8. European Technical Assessment: | Not applicable |
| 9. Declared performance: | |

Essential Characteristic	Performance	Harmonised Technical Specification																
9.1 <u>Chemical composition</u>	<table border="0"> <tr><td>Si</td><td>0.60 – 0.90 %</td></tr> <tr><td>Fe</td><td><0.35 %</td></tr> <tr><td>Cu</td><td><0.10 %</td></tr> <tr><td>Mn</td><td><0.10 %</td></tr> <tr><td>Mg</td><td>0.40 – 0.60 %</td></tr> <tr><td>Cr</td><td><0.10 %</td></tr> <tr><td>Zn</td><td><0.10 %</td></tr> <tr><td>Ti</td><td><0.10 %</td></tr> </table>	Si	0.60 – 0.90 %	Fe	<0.35 %	Cu	<0.10 %	Mn	<0.10 %	Mg	0.40 – 0.60 %	Cr	<0.10 %	Zn	<0.10 %	Ti	<0.10 %	EN 573.3
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9.2 <u>Mechanical properties</u>	<table border="0"> <tr><td>Tensile Strength Rm</td><td>>255 Mpa</td></tr> <tr><td>Yield Strength Rp</td><td>>215 Mpa</td></tr> <tr><td>Elongation A %</td><td>> 8 %</td></tr> </table>	Tensile Strength Rm	>255 Mpa	Yield Strength Rp	>215 Mpa	Elongation A %	> 8 %	EN 755.2										
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9.3 <u>Dimensional Tolerance</u>	Length, Width, Thickness	EN 12020-1/ EN 12020-2 / EN 755.9																

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Konstantinos Liapis
QHSE Manager



(signature)

Kilkis, 05/06/2015