


<b>Declaration of Performance (DoP)</b>										
<b>In compliance with EU regulation 305/2011, Annex III</b>										
For the construction product		<b>Extruded aluminium sections</b>								
1. Unique identification code of the product type :	<b>EN AW-6005A T4 / EN 755-9</b>									
2. Type, batch or serial number or any other element allowing identification of the construction product in compliance with Article 11(4):	Extruded section according to 15008:2005 / EN AW-6005A T4 according to EN 755-1									
3. Use(s) of the construction product intended by the manufacturer in compliance with the applicable harmonized technical specification:	Indoor and outdoor areas of load-bearing structures									
4. Name, registered trade name or registered trade mark and contact address of the manufacturer in compliance with Article 11(5):	<b>Hydro Extrusion Albi SAS</b> ZA Jean Savy – France 81450 Le Garric Tel : +33 (0) 563801010 ; fax : +33 (0) 563547756 E-mail : info.profilesalbi.fr@sapagroup.com									
5. Name and contact address of the authorized representative commissioned with the tasks under Article 12 (2), if any:	<b>Not appointed</b>									
6. System(s) for assessment and verification of constancy of performance of the construction product in compliance with Annex V:	<b>System 2+</b>									
7. If the declaration of performance concerns a construction product that is covered by a harmonized standard:	The notified body ( <b>Karlsruhe Institute of Technology no. 0769</b> ) performed the initial inspection of the manufacturing plant and of factory production control, as well as continuous surveillance, assessment and evaluation of factory production control in compliance with System 2+ and issue certificate <b>0769-CPR</b> confirming conformity of the factory production control with the requirements set out in Annex ZA of EN 15088:2005									
8. If the declaration of performance concerns a construction product for which a European Technical Assessment was issued:	<b>Not applicable</b>									
9. Performance declared:										
<b>Essential characteristics</b>		<b>Performance</b>							<b>Harmonized technical specification</b>	
<b>Dimensional and shape tolerances</b>		In compliance with standard							EN 755-9	
<b>Mechanical characteristics</b>		In compliance with standard							EN 755-2	
<b>Flat profiles</b>		<b>Tensile strength R<sub>m</sub> [MPa]</b>		<b>Yield strength R<sub>p0.2</sub> [MPa]</b>		<b>Elongation A [%]</b>	<b>Elongation A<sub>50mm</sub> [%]</b>	<b>HBW typical value</b>		
Wall thickness t (mm)		min.	max.	min.	max.	min.	min.			
≤ 25		180	NPD	90	NPD	15	13	50		
<b>Hollow profiles</b>		<b>Tensile strength R<sub>m</sub> [MPa]</b>		<b>Yield strength R<sub>p0.2</sub> [MPa]</b>		<b>Elongation A [%]</b>	<b>Elongation A<sub>50mm</sub> [%]</b>	<b>HBW typical value</b>		
Wall thickness t (mm)		min.	max.	min.	max.	min.	min.			
≤ 10		180	NPD	90	NPD	15	13	50		
<b>Weldability</b>		Class I							EN 1999-1	
<b>Bendability</b>		B3								
<b>Fatigue strength</b>		NPD							EN 1999-1-3	
<b>Wear resistance</b>		Table 3.1a							EN 1999-1	
<b>Chemical composition</b>		<b>Elements</b>	<b>Si</b>	<b>Fe</b>	<b>Cu</b>	<b>Mn</b>	<b>Mg</b>	<b>Cr</b>	<b>Ni</b>	<b>Zn</b>
		min	0.50	-	-	-	0.40	-	-	-
		max	0.90	0.35	0.30	0.50	0.70	0.30	-	0.20
		<b>Elements</b>	<b>Ti</b>	<b>Ga</b>	<b>V</b>	<b>Other (each)</b>	<b>Other (total)</b>	<b>Al</b>	<b>Remark</b>	
		min	-	-	-	-	-	Rest	0.12-0.50	
		max	0.10	-	-	0.05	0.15		Mn+Cr	
10. The performance of the product according to numbers 1 and 2 is in accordance with the performance declared according to number 9. Only the manufacturer under 4 is responsible for preparing this declaration of performance.										

Signed for and on behalf of the manufacturer by:

Name and function:



Frédéric Hestroffer (Quality manager)

Place, date, signature:

Le Garric, le 05/09/2018