

<b>Declaration of Performance (DoP)</b>											
<b>In compliance with EU regulation 305/2011, Annex III</b>											
For the construction product					Extruded aluminium sections						
1. Unique identification code of the product type :					EN AW-6005A T6 / EN 755-9						
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 T6 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:					Not appointed						
6. System(s) for assessment and verification of constancy of performance of the construction product in compliance with Annex V:					System 2+						
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:					Not applicable						
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 and with a specific contractual commitment more			
<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>
<b>Wall thickness t (mm)</b>		min.	max.	min.	max.	min.	min.				
≤ 5		270	NPD	240	NPD	8	6			90	
5 < t ≤ 10		260	NPD	240	NPD	8	6			85	
10 < t ≤ 25		250	NPD	240	NPD	8	6			85	
<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>
<b>Wall thickness t (mm)</b>		min.	max.	min.	max.	min.	min.				
≤ 5		255	NPD	240	NPD	8	6			85	
5 < t ≤ 15		250	NPD	240	NPD	8	6			85	
<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>	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	
		min	0.50	-	-	-	0.40	-	-	-	
		max	0.90	0.35	0.30	0.50	0.70	0.30	-	0.20	
		<b>Elements</b>	Ti	Ga	V	Other (each)	Other (total)	Al	Remark		
		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, 05/09/2018

