

Declaration of Performance (DoP) In compliance with EU regulation 305/2011, Annex III														
For the construction product					Extruded aluminium sections									
1. Unique identification code of the product type :					EN AW-6106 T4 / 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 15088:2005 / EN AW-6106 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):					Hydro Extrusion Albi SAS 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 (DNV (2388)) 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 2388-CPR-24-68430 rev 0.0 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:														
Essential characteristics			Performance						Harmonized technical specification					
Dimensional and shape tolerances			In compliance with standard						EN 755-9					
Mechanical characteristics			In compliance with standard											
Flat profiles			Wall thickness t (mm)		Tensile strength R _m [MPa]		Yield strength R _{p0.2} [MPa]		Elongation A [%]		Elongation A _{50mm} [%]		HBW typical value	
			t ≤ 10		min. max.		min. max.		min.		min.		50	
			180		NPD		90		NPD		15		13	
Hollow profiles			Wall thickness t (mm)		Tensile strength R _m [MPa]		Yield strength R _{p0.2} [MPa]		Elongation A [%]		Elongation A _{50mm} [%]		HBW typical value	
			t ≤ 10		min. max.		min. max.		min.		min.		50	
			180		NPD		90		NPD		15		13	
Weldability			Class I						EN 1999-1					
Bendability			B3											
Fatigue strength			NPD						EN 1999-1-3					
Wear resistance			Table 3.1a						EN 1999-1					
Chemical composition			Elements		Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn		
			min		0.30	-	-	0.05	0.40	-	-	-		
			max		0.60	0.35	0.25	0.20	0.80	0.20	-	0.10		
			Elements		Ti	Ga	V	Other (each)	Other (total)	Al	Remark		EN 573-3	
			min		-	-	-	-	-	Rest				
			max		-	-	-	0.05	0.10					
Dangerous (regulated) substances			In compliance with standard						REACH / Directive RoHS 1, 2, 3					
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 26/03/2024

