

Declaration of Performance (DoP)										6063-T5
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-6063 T5/ 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-6063 T5 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 Puget SAS</b> ZA du Camp Dessert Nord – France 83488 Puget sur Argens Tel : +33 (0) 498112000 ; Fax : +33 (0) 494452344					
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 ) 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>2388-CPR-07402</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:										
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 <sub>m</sub> [MPa]		Yield strength R <sub>p0.2</sub> [MPa]		Elongation A [%]	Elongation A <sub>50mm</sub> [%]	HBW typical value		
		min.	max.	min.	max.	min.	min.			
≤ 10		175	NPD	130	NPD	8	6	65		
10 < t ≤ 25		160	NPD	110	NPD	7	5	65		
Hollow profiles										
Wall thickness t (mm)		Tensile strength R <sub>m</sub> [MPa]		Yield strength R <sub>p0.2</sub> [MPa]		Elongation A [%]	Elongation A <sub>50mm</sub> [%]	HBW typical value		
		min.	max.	min.	max.	min.	min.			
≤ 55		175	NPD	130	NPD	8	6	65		
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	0.20	-	-	-	0.45	-	-	-
		max	0.60	0.35	0.10	0.10	0.9	0.10	-	0.10
		Elements	Ti	Ga	V	Other (each)	Other (total)	Al	Remark	
		min	-	-	-	-	-	Rest		
		max	0.1	-	-	0.05	0.15			
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

Benoît DURET (Quality manager)

Place, date, signature

Puget Sur Argens, 23/06/2023

