Hydro Extrusion Offenburg GmbH
Industriestraße 10
77656 Offenburg
Germany

Hydro

Declaration of Performance (DoP)

In accordance with EU Regulation 305/2011, Annex III

1. Unique identification code of the product type:	**EN AW-6005A T4 / EN 755-9**
2. Type, batch or serial number or any other element allowing identification of the construction product pursuant to Article 11(4):	Extruded profile per EN 15088:2005 / EN AW-6005A T4 according to EN 755-9
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	Interior and exterior of load-bearing structures
4. Name, registered trade name or registered trademark and contact address of the manufacturer pursuant to Article 11(5):	Hydro Extrusion Offenburg GmbH Industriestraße 10 77656 Offenburg
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	not appointed
6. System or systems of assessment and verification of constancy of performance of the construction product pursuant to Annex V:	System 2+
7. In the case of the declaration of performance concerning a construction product covered by a harmonised standard:	The notified body **(Karlsruhe Institute of Technology No. 0769)** performed the initial inspection of the plant and of the factory production control, as well as continuous surveillance, assessment and approval of the factory production control under system 2+ and issued the certificate **0769-CPD-132085** confirming the conformity of the factory production control with Annex ZA of EN 15088:2005.
8. In the case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	not applicable

9. Declared performance

Essential characteristics	Performance						Harmonised technical specification
Dimensional and shape tolerances	According to standard					EN 12020-2	EN 15088:2005
Yield strength	Wall thickness t [mm]		**Rp0,2 [MPa]** min.	max.		EN 755-2	
	≤ 25		90	NPD			
Tensile strength	Wall thickness t [mm]		**Rm [MPa]** min.	max.			
	≤ 25		180	NPD			
Elongation at break	Wall thickness t [mm]		A50mm [%]	A [%]			
	≤ 25		13	15			
HBW typical value	≤ 25	50					
Weldability	Class I					EN 1999-1	
Bendability	NPD						
Fatigue strength	NPD					EN 1999-1-3	
Durability	Table 3.1a					EN 1999-1-1	
Chemical composition	Si	Fe	Cu	Mn	Mg	Cr	EN 573-3
	0,50-0,90	0,35	0,30	0,50	0,40-0,70	0,30	
	Ni	Zn	Ti	Ga	V		
	-	0,20	0,10	-	-		

10. The performance of the product according to points 1 and 2 corresponds to the declared performance according to point 9. This declaration of performance is issued under the sole responsibility of the manufacturer according to point 4.

Signed for and on behalf of the manufacturer by:

Name and function: Kenneth Brzezinka, QMB

Place, date, signature: 26.10.2026

Offenburg, 26.10.2026

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Deutschland

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Hydro

Declaration of Performance (DoP)

in compliance with EU regulation 305/2011, Annex III

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 theconstruction product in compliance with Article 11 (4):	Extruded section according to EN 15088:2005 / EN AW-6005A T6 according to EN 755-9
3. Use(s) of the construction product intended by the manufacturer in compliance with the applicable harmonised technical specification	Indoor and outdoor areas load-bearing structures
4. Name, registered trade name or registere trade mark and contact address of the manufacturer in compliance with Article 11 (5):	Hydro Extrusion Offenburg GmbH Industriestraße 10 77656 Offenburg
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 harmonised standard:	The notified body **(Karlsruhe Institute of Technology no. 0769)** 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 **0769-CPD-132085** 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						Harmonised technical specification
Dimensional/ shape tolerances	According to standard					EN 12020-2	EN 15088:2005
Yield strength Open profile	Wall thickness t [mm]		**Rp0,2 [MPa]** min.		max.	EN 755-2	
	≤ 5		225		NPD		
	5-10		215		NPD		
	10-25		200		NPD		
Yield strength hollow profile	≤ 5		215		NPD		
	5-15		200		NPD		
Tensile strength open profile	Wall thickness t [mm]		Rm [MPa] min.		max.		
	≤ 5		270		NPD		
	5-10		260		NPD		
	10-25		250		NPD		
Tensile strength hollow profile	≤ 5		255		NPD		
	5-15		250		NPD		
Elongation at break Open profile	Wall thickness t [mm]		A50mm [%]		A [%]		
	≤ 5		6		8		
	5-10		6		8		
	10-25		6		8		
Elongation at break hollow profile	≤ 5		6		8		
	5-15		6		8		
HBW typical value open	≤ 5	90	5-10	85	10-25	85	
HBW typical value hollow	≤ 5	85	5-15	85	-	-	
Weldability	Class I					EN 1999-1	
Bendability	B3						
Fatigue strength	NPD					EN 1999-1-3	
Durability	Table 3.1a					EN 1999-1-1	
Chemical composition	Si	Fe	Cu	Mn	Mg	Cr	EN 573-3
	0,50-0,90	0,35	0,30	0,50	0,40-0,70	0,30	
	Ni	Zn	Ti	Ga	V		
	-	0,20	0,10	-	-		

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 number 4 is responsible for preparing this declaration of performance.

Signed for and on behalf of the manufacturer by:

Name and position: Kenneth Brzezinka, QMB

Place, date, signature: 26.10.2026

Offenburg, 26.10.2026

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