

Declaration of Performance (DoP) in compliance with EU regulation 305/2011, Annex III								
1. Unique identification code of the product type:	EN AW-6063 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 EN 15088:2005 / EN AW-6063 T4 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 registered 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 authorised 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 and shape tolerances	In compliance with standard				EN 12020-2		
	Yield strength	Wall thickness t [mm]	Rp0,2 [MPa]		min.	max.		
		≤ 25	65	NPD				
	Tensile strength	Wall thickness t [mm]	Rm [MPa]		min.	max.		
		≤ 25	130	NPD				
	Elongation at break	Wall thickness t [mm]	A50mm		A		EN 755-2	
		≤ 25	12	14				
	HBW-typical value	≤ 25	50					
Weldability	Class I				EN 1999-1			
Bendability	LNB							
Fatigue strength	NPD				EN 1999-1-3			
Wear resistance	Table 3.1a				EN 1999-1-1			
Chemical composition	Si	Fe	Cu	Mn	Mg	Cr		
	0,2-0,6	0,35	0,1	0,1	0,45-0,9	0,1		
	Ni	Zn	Ti	Ga	V			
	-	0,10	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: Alexander Müller, QMB

Place, date, signature: 16.03.2020

Hydro Extrusion Offenburg GmbH
 Industriestr. 10
 77656 Offenburg
 Deutschland



Declaration of Performance (DoP)							
in compliance with EU regulation 305/2011, Annex III							
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 EN 15088:2005 / EN AW-6063 T5 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 registered 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 authorised 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 and shape tolerances	In compliance with standard			EN 12020-2	
		Yield strength	Wall thickness t [mm]	Rp0,2 [MPa]		EN 755-2	
			≤ 10	min.	max.		
			10-25	130	NPD		
			110	NPD			
		Tensile strength	Wall thickness t [mm]	Rm [MPa]			
			≤ 10	min.	max.		
			10-25	175	NPD		
			160	NPD			
		Elongation at break	Wall thickness t [mm]	A50mm	A		
			≤ 10	[%]	[%]		
			10-25	6	8		
		5	7				
	HBW-typical value	≤ 10	65	10-25	65		
	Weldability	Class I			EN 1999-1		
	Bendability	B3					
	Fatigue strength	NPD			EN 1999-1-3		
	Wear resistance	Table 3.1a			EN 1999-1-1		
	Chemical composition	Si	Fe	Cu	Mn	Mg	Cr
		0,2-0,6	0,35	0,1	0,1	0,45-0,9	0,1
		Ni	Zn	Ti	Ga	V	
		-	0,10	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.						

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Declaration of Performance (DoP) in compliance with EU regulation 305/2011, Annex III							
1. Unique identification code of the product type:	EN AW-6063 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 EN 15088:2005 / EN AW-6063 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 registered 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 authorised 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 and shape tolerances	In compliance with standard				EN 12020-2	
	Yield strength	Wall thickness t [mm]	Rp0,2 [MPa]				EN 755-2
			min.	max.			
		≤ 10	170	NPD			
	10-25	160	NPD				
	Tensile strength	Wall thickness t [mm]	Rm [MPa]				
			min.	max.			
		≤ 10	215	NPD			
	3-25	195	NPD				
	Elongation at break	Wall thickness t [mm]	A50mm	A			
			[%]	[%]			
≤ 10		6	8				
10-25	6	8					
HBW-typical value	≤ 10	75	10-25	75			
Weldability	Class I						
Bendability	B3				EN 1999-1		
Fatigue strength	NPD				EN 1999-1-3		
Wear resistance	Table 3.1a				EN 1999-1-1		
Chemical composition	Si	Fe	Cu	Mn	Mg	Cr	
	0,2-0,6	0,35	0,1	0,1	0,45-0,9	0,1	
	Ni	Zn	Ti	Ga	V		
	-	0,10	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.							

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Declaration of Performance (DoP)

in compliance with EU regulation 305/2011, Annex III

1. Unique identification code of the product type:	EN AW-6063 T64 / 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 EN 15088:2005 / EN AW-6063 T64 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 registered 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 authorised 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 and shape tolerances	In compliance with standard				EN 12020-2
	Yield strength	Wall thickness t [mm]	Rp0,2 [MPa]		min.	max.
		≤ 15	120		NPD	
	Tensile strength	Wall thickness t [mm]	Rm [MPa]		min.	max.
		≤ 15	180		NPD	
	Elongation at break	Wall thickness t [mm]	A50mm		A	
		≤ 15	10		12	
	HBW-typical value	≤ 15	65			
	Weldability	Class I				EN 1999-1
Bendability	LNB					
Fatigue strength	NPD					
Wear resistance	Table 3.1a				EN 1999-1-3	
Chemical composition	Si	Fe	Cu	Mn	Mg	Cr
	0,2-0,6	0,35	0,1	0,1	0,45-0,9	0,1
	Ni	Zn	Ti	Ga	V	
	-	0,10	0,10	-	-	

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1.	Unique identification code of the product type:		EN AW-6063 T66 / 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 EN 15088:2005 / EN AW-6063 T66 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 registered trade mark and contact address of the manufacturer in compliance with Article 11 (5):		Hydro Extrusion Offenburg GmbH Industriestraße 10 77656 Offenburg				
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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 and shape tolerances	In compliance with standard			EN 12020-2	
		Yield strength	Wall thickness t [mm]	Rp0,2 [MPa]		EN 755-2	
			≤ 10	min.	max.		
			10-25	200	NPD		
			180	NPD			
		Tensile strength	Wall thickness t [mm]	Rm [MPa]			
			≤ 10	min.	max.		
			10-25	245	NPD		
			225	NPD			
		Elongation at break	Wall thickness t [mm]	A50mm	A		
			≤ 10	[%]	[%]		
				6	8		
			6	8			
	HBW-typical value	≤ 10	80	10-25	80		
	Weldability	Class I			EN 1999-1		
	Bendability	B3					
	Fatigue strength	NPD			EN 1999-1-3		
	Wear resistance	Table 3.1a			EN 1999-1-1		
	Chemical composition	Si	Fe	Cu	Mn	Mg	Cr
		0,2-0,6	0,35	0,1	0,1	0,45-0,9	0,1
		Ni	Zn	Ti	Ga	V	
		-	0,10	0,10	-	-	
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