

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-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 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 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):	Neuman Aluminium Strangpresswerk GmbH Werkstrasse 1; A-3182 Marktl im Traisental Tel.: +43 (0) 2762/500-0; fax: +43 (0) 2762/500-470 E-mail: profile@neuman.at
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]	R_{p0,2} [MPa]						EN 755-2
		min.		max.				
		≤ 5	225	NPD				
		5-10	215	NPD				
10-25	200	NPD						
Tensile strength	Wall thickness t [mm]	R_m [MPa]						
		min.		max.				
		≤ 5	270	NPD				
		5-10	260	NPD				
10-25	250	NPD						
Elongation at break	Wall thickness t [mm]	A_{50mm} [%]		A [%]				
		≤ 5		6		8		
		5-10		6		8		
		10-25		6		8		
HBW-typical value	≤ 5	90	5-10	85	10-25	85		
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	EN 573-3	
	0,50-0,9	0,35	0,30	0,50	0,40-0,7	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 function: Mag.(FH) Lukas Mayerhofer (Head of Quality Assurance)

Place, date, signature: Marktl, 21.03.2017

