

**Declaration of Performance (DoP)**  
**in compliance with EU regulation 305/2011, Annex III**

for the construction product		<b>Extruded aluminium sections</b>					
1. Unique identification code of the product type:	<b>EN AW-6082 T6 / EN 755-9</b>						
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-6082 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:	<b>Indoor and outdoor areas of load-bearing structures</b>						
4. Name, registered trade name or registered trade mark and contact address of the manufacturer in compliance with Article 11 (5):	<b>Neuman Aluminium Strangpresswerk GmbH</b> 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:	<b>Not appointed</b>						
6. System(s) for assessment and verification of constancy of performance of the construction product in compliance with Annex V:	<b>System 2+</b>						
7. If the declaration of performance concerns a construction product that is covered by a harmonised standard:	The notified body ( <b>Karlsruhe Institute of Technology no. 0769</b> ) 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>0769-CPD-132085</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:	<b>Not applicable</b>						
9. Performance declared	<b>Essential characteristics</b>	<b>Performance</b>					<b>Harmonised technical specification</b>
	Dimensional and shape tolerances	In compliance with standard					EN 12020-2
	Yield strength	Wall thickness t [mm]	<b>R<sub>p0,2</sub> [MPa]</b>				EN 755-2
			<b>min.</b>	<b>max.</b>			
			≤ 5	250	NPD		
	5-25	260	NPD				
	Tensile strength	Wall thickness t [mm]	<b>R<sub>m</sub> [MPa]</b>				
			<b>min.</b>	<b>max.</b>			
			≤ 5	290	NPD		
		5-25	310	NPD			
	Elongation at break	Wall thickness t [mm]	<b>A<sub>50mm</sub> [%]</b>		<b>A [%]</b>		
			≤ 5	6	8		
			5-25	8	10		
	HBW-typical value	≤ 5	95	<b>5-25</b>	95		
	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
		0,7-1,3	0,50	0,10	0,40-1,0	0,6-1,2	0,25
		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

