



DoP DECLARATION OF PERFORMANCE

No. AFU 5754 H114 2014

1. Unique identification code of the product-type: **5754 H114**
2. Type, batch or serial number or any other element allowing identification of the construction product:
Tread Plate EN AW-5754 H114 (EN-1386 & EN-573)
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
For use in metallic structures or in material compound structures in buildings and civil engineering.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:
Alcoa Trasformazioni srl – Via dell'Elettronica 31- 30176 Malcontenta – Loc. Fusina Venezia -Italy
5. Authorized representative: **N.R.**
6. System or systems of assessment and verification of constancy of performance of the construction product:
SYSTEM 2+
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
TÜV SÜD Industrie Service GmbH ID: 0036 performed the initial inspection of the manufacturing plant and of factory production control as well as the continuous surveillance, assessment and evaluation of factory production control under **system 2+** and issued a certificate of conformity of the factory production control with no. 0036-CPR-M-47-2011
8. Declared performance

Essential characteristics		Performance				Harmonised technical specification		
Mechanical properties		EN 1386:2007				EN 15088:2005		
Nominal size from – to [mm]	Tensile strength Rm [MPa]		Yield strength Rp0,2 [Mpa]		Elongation [%]			
	min.	max.	min.	max.	A50			A
1,2 – 1,5	190	260	80		8			
1,5 – 3,0	190	260	80		10			
>3 – 6,0	190	260	80		12			
>6,0 -12,5	190	260	80		14			
>12,5 – 20,0	190	260	80					15
Chemical composition	EN 573-3:2013		Pass					
Tolerances		EN 1386:2007		Pass				
Bendability	Class B1		Pass					
Weldability		NPD						
Dangerous substances		NPD						
Fatigue		NPD						
Durability		NPD						

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.
8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Antonio Armigliato – Quality Manager

Antonio Armigliato
Fusina, 20 of October 2014