

1) Unique identification code of the product-type : **1.4539**

2) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Hot-rolled stainless steel plates according to EN 10088-4

3) Intended use or use of the construction product in accordance with the applicable designated technical specification, as foreseen by the manufacturer:

Building construction and civil engineering

4) Name, registered trade name or registered trade mark and contact address of the manufacturer as requires pursuant to Article 11 (5)

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5) Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6) System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7) In case of the declaration of performance concerning a construction product covered by a designated standard:

EN 10088-4:2009

Approved factory production control certification body TUV SUD BABT UNLIMITED, Nr 0168 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control nr **0168 - CPR - M 007.2023 rev.02**

8) In case of the declaration of performance concerning a construction product for which a UK Technical Assessment has been issued:

Not applicable

9) Declared performance

Essential characteristic	Performance				Designated technical specification
Tolerance on dimensions and shape	Thickness, length and width		EN 10029		
	Flatness on cut to length plate				
Yield Strength 0,2%	Nominal thickness (mm)		Values (MPa) (tr.)		
	>	≤	min	max	
		75	220		
	75	150	**		
Yield Strength 1%	Nominal thickness (mm)		Values (MPa) (tr.)		
	>	≤	min	max	
		75	260		
	75	150	**		
Tensile Strength (TS)	Nominal thickness (mm)		Values (MPa) (tr.)		
	>	≤	min	max	
		75	520	720	
	75	150	**	**	
Elongation %	Nominal thickness (mm)		Values (%) (tr.)		EN 10088-4:2009
	>	≤	min	max	
		75	35		
	75	150	**		
Impact test (KV)	Nominal thickness (mm)		KV mini at +20°C (J)		
	>	≤	long.	tr.	
		75	100	60	
	75	150	**	**	
Intergranular corrosion test	Nominal thickness (mm)		Values (J)		
	>	≤	Guaranteed according to ISO 3651-2		
		75			
	75	150			
Chemistry	%				
			C ≤ 0,02	N ≤ 0,15	
			Si ≤ 0,7	19 ≤ Cr ≤ 21	
			Mn ≤ 2	1,2 ≤ Cu ≤ 2	
			P ≤ 0,03	4 ≤ Mo ≤ 5	
			S ≤ 0,010	24 ≤ Ni ≤ 26	
Weldability Durability Fracture/brittle toughness Formability Regulated substance	proven by chemical composition proven by chemical composition proven by impact test proven by elongation no performance determined				
** subject to agreement between manufacturer and his customer					

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9

This declaration of performance is issued under the responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

Aude Lamontagne
 Head of Metallurgy Department
 Le Creusot, 23 August 2024

