

1) Unique identification code of the product-type : **1.4541**

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 harmonised 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 harmonised standard:

EN 10088-4:2009

Notified factory production control certification body TÜV SÜD Industrie Service GmbH, Nr 0036 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 **0036 - CPR - M - 083 – 2015**

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

Not applicable

9) Declared performance

Essential characteristic	Performance				Harmonized technical specification
Tolerance on dimensions and shape	Thickness, length and width Flatness on cut to length plate		EN 10029		EN 10088-4:2009
Yield Strength 0,2%	Nominal thickness (mm)		Values (MPa) (tr.)		
	>	≤	min	max	
	75	150	200	**	
Yield Strength 1%	Nominal thickness (mm)		Values (MPa) (tr.)		
	>	≤	min	max	
	75	150	240	**	
Tensile Strength (TS)	Nominal thickness (mm)		Values (MPa) (tr.)		
	>	≤	min	max	
	75	150	500	700	
Elongation %	Nominal thickness (mm)		Values (%) (tr.)		
	>	≤	min	max	
	75	150	40	**	
Impact test (KV)	Nominal thickness (mm)		KV mini at +20°C (J)		
	>	≤	long.	tr.	
	75	150	100	60	
Intergranular corrosion test	Nominal thickness (mm)		Values (J)		
	>	≤	Guaranteed according to ISO 3651-2		
	75	150			
75	150				
Chemistry	%				
			C ≤ 0,08	17 ≤ Cr ≤ 19	
Weldability Durability Fracture/brittle toughness Formability Regulated substance			Si ≤ 1	9 ≤ Ni ≤ 12	
			Mn ≤ 2	5xC ≤ Ti ≤ 0,7	
			P ≤ 0,045		
			S ≤ 0,015		
			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, 10 June 2021

Sophie Antonini
 Head of Quality Assurance Department
 Le Creusot, 10 June 2021

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