

## Declaration of Performance (DoP): ISB.06.01

<p><b>Stainless steel for construction purposes</b> <b>EU-regulation: 305/2011</b></p>
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### Isbergues site / 1.4510 / Cold-rolled

1.  
Product-type: 1.4510
2.  
Construction product: Cold-rolled stainless steel coils, sheets according to EN 10088-4: 2009
3.  
Intended use: products for internal and external use for construction purposes, building constructions or civil engineering
4.  
Manufacturer:  
  
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RUE ROGER SALENGRO  
62330 ISBERGUES  
FRANCE  
  
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E-mail: nicolas.domeck@aperam.com  
Website: <http://www.aperam.com/europe/news-publications/documentation/certifications/approvals>
5.  
Authorised representative: Not applicable
6.  
System of assessment and verification of constancy of performance: System 2+
7.  
Case of the declaration of performance concerning a construction product by a harmonized standard:  
  
TÜV SÜD Industrie Service GmbH, Nr. 0036, has performed the initial inspection of the factory and factory production control and monitoring, review and approval of the factory production control according to system 2+ and issued a conformity certificate of production control:  
Aperam Isbergues: "0036 - CPR - M - 041 - 2011"
8.  
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 characteristics	Performance for 1.4510				Harmonised technical specification	
Tolerances on dimensions and shape	<b>Finish</b> cold rolled EN ISO 9445-2					
Yield strength (Rp 0,2%)  Tensile strength  Elongation  Impact strength	cold rolled	Nominal thickness (mm) $0,3 \leq th \leq 4,1$	Values for 1.4510			EN 10088-4: 2009
			min (long.)	min (trans.)	max	
		230 MPa	240 MPa		EN 10088-4: 2009	
		420 MPa	420 MPa	600 MPa	EN 10088-4: 2009	
	23%	23%		EN 10088-4: 2009		
	NPD	NPD		EN 10088-4: 2009		

<b>Essential characteristics</b>	<b>Performance for 1.4510</b>		<b>Harmonised technical specification</b>
Weldability	cold rolled	chemical composition	EN 10088-4: 2009
Durability	cold rolled	chemical composition	EN 10088-4: 2009
Formability at room temperature	cold rolled	see elongation	EN 10088-4: 2009
Chemical composition	cold rolled	<b>Values (% mass) for 1.4510</b> C ≤ 0,05 Si ≤ 1,00 Mn ≤ 1,00 P ≤ 0,040 S ≤ 0,015 Cr: 16,0 - 18,0 [4x(C+N)+ 0,15] ≤ Ti ≤ 0,80	EN 10088-4: 2009 EN 10088-4: 2009 EN 10088-4: 2009 EN 10088-4: 2009 EN 10088-4: 2009 EN 10088-4: 2009 EN 10088-4: 2009
Regulated substance	cold rolled	NPD	EN 10088-4: 2009

10.

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 sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by  
 Laurent Dubois – Quality Control Manager  
 Isbergues, 07/09/2017

