

## Declaration of performance ( DoP ) : Gue.02.01

<p><b>Stainless steel for construction purposes</b> <b>EU-regulation: 305/2011</b></p>
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### Gueugnon site / 1.4404 / Cold-rolled

1.

Product-type: 1.4404 / 1.4401

2.

Construction product: Cold-rolled stainless steel coils, plates, 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:

Aperam Gueugnon  
BP1  
4 Place des Forges  
71130 GUEUGNON  
FRANCE

Tel: +33 (0)3 85 85 76 00

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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 Gueugnon: "0036 - CPR - M - 042 - 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 1.4404			Harmonised technical specification	
	Finish	Nominal thickness(mm)			
Tolerances on dimensions and shape	cold rolled		EN ISO 9445-2		
			<b>Values for 1.4404</b>		
			<b>min(trans)                      max min(long) (trans)</b>		
Yield strength (Rp 0,2%)	cold rolled	0,3≤ th ≤3.0	240 MPa	EN 10088-4	
Yield strength (Rp1%)	cold rolled	0,3≤ th ≤3.0	270 MPa	EN 10088-4	
Tensile strength	cold rolled	0,3≤ th ≤3.0	530 MPa	680MPa	EN 10088-4
Elongation	cold rolled	0,3≤ th ≤3.0	40%	EN 10088-4	
Impact strength	Cold rolled	NPD	NPD	EN 10088-4	

<b>Essential characteristics</b>	<b>Performance for 1.4404</b>		<b>Harmonised technical specification</b>
Weldability	cold rolled	chemical composition	EN 10088-4
Durability	cold rolled	chemical composition	EN 10088-4
Formability at room temperature	cold rolled	see elongation	EN 10088-4
	<b>Values (% mass) for 1.4404</b>		
Chemical composition	cold rolled	C: $\leq 0,030$ Si: $\leq 1,00$ Mn: $\leq 2,00$ P: $\leq 0,045$ S: $\leq 0,015$ N: $\leq 0,10$ Cr: 16,5 - 18,5 Ni: 10,0 - 13,0 Mo: 2,00 - 2,50	EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4
Regulated substance	cold rolled	NPD	EN 10088-4

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  
 Philippe Quere - Head SMI  
 Gueugnon, 2014/02/07

P.QUERE



## Declaration of performance ( DoP ) : Gue.09.01

<p><b>Stainless steel for construction purposes</b> <b>EU-regulation: 305/2011</b></p>
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### Gueugnon site / 1.4401 / Cold-rolled

1.  
Product-type: 1.4401
2.  
Construction product: Cold-rolled stainless steel coils, plates, 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:  
  
Aperam Gueugnon  
BP1  
4 Place des Forges  
71130 GUEUGNON  
FRANCE  
  
Tel: +33 (0)3 85 85 76 00  
E-mail: [gerard.ramoissenet@aperam.com](mailto:gerard.ramoissenet@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 Gueugnon : "0036 - CPR - M - 042 - 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 1.4401			Harmonised technical specification	
	Finish	Nominal thickness(mm)			
Tolerances on dimensions and shape	cold rolled		EN ISO 9445-2		
			<b>Values for 1.4401</b>		
			<b>min(trans)                      max min(long) (trans)</b>		
Yield strength (Rp 0,2%)	cold rolled	0,3≤ th ≤3.0	240 MPa	EN 10088-4	
Yield strength(Rp1%)	cold rolled	0,3≤ th ≤3.0	270 MPa	EN 10088-4	
Tensile strength	cold rolled	0,3≤ th ≤3.0	530 MPa	680MPa	EN 10088-4
Elongation	cold rolled	0,3≤ th ≤3.0	40%	EN 10088-4	
Impact Strenght	cold rolled		NPD	EN 10088-4	

<b>Essential characteristics</b>	<b>Performance for 1.4401</b>		<b>Harmonised technical specification</b>
Weldability	cold rolled	chemical composition	EN 10088-4
Durability	cold rolled	chemical composition	EN 10088-4
Formability at room temperature	cold rolled	see elongation	EN 10088-4
	<b>Values (% mass) for 1.4401</b>		
Chemical composition	cold rolled	C: ≤ 0,070 Si: ≤ 1,00 Mn: ≤ 2,00 P: ≤ 0,045 S: ≤ 0,015 N: ≤ 0,10 Cr: 16,5 - 18,5 Ni: 10,0 - 13,0 Mo: 2,00 - 2,50	EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4 EN 10088-4
Regulated substance	cold rolled	NPD	EN 10088-4

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  
 Philippe Quere - Head SMI  
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