

## DECLARATION OF PERFORMANCE

No 1.4003

Unique identification code of the product-type:	1.4003 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

### Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <td>Cold rolled 320 MPa 450-650 MPa 20 % -</td> <td>Hot rolled 320 MPa 450-650 MPa 20 % -</td> </tr> </table>	Cold rolled 320 MPa 450-650 MPa 20 % -	Hot rolled 320 MPa 450-650 MPa 20 % -	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 320 MPa 450-650 MPa 20 % -	Hot rolled 320 MPa 450-650 MPa 20 % -			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- F100001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

  
Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4016

Unique identification code of the product-type:	1.4016 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	Cold rolled 280 MPa 450-600 MPa 20 % -	BS EN 10088-4:2009, Clause 6.5.1
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8

Appropriate Technical Documentation and/or Specific Technical Documentation:


0879-CPR-10088-4- F100001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

  
 Tornio 14.06.2023 Juha Vatanen, SVP  
 Operations Tornio

  
 Amanda Burrows, VP  
 Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4301

Unique identification code of the product-type:	1.4301 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

### Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification				
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9				
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <td>Cold rolled 230 MPa 540-750 MPa 45 %</td> <td>Hot rolled 210 MPa 520-720 MPa 45 %</td> </tr> <tr> <td>-</td> <td>60 J (transverse)</td> </tr> </table>	Cold rolled 230 MPa 540-750 MPa 45 %	Hot rolled 210 MPa 520-720 MPa 45 %	-	60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 230 MPa 540-750 MPa 45 %	Hot rolled 210 MPa 520-720 MPa 45 %					
-	60 J (transverse)					
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3				
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4				
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1				
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8				

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001

BS EN 10088-4:2009, annex ZA

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Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio



## DECLARATION OF PERFORMANCE

No 1.4306

Unique identification code of the product-type:	1.4306 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard: Notified body/ies:	BS EN 10088-4:2009 TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <td>Cold rolled 220 MPa 520-700 MPa 45 % -</td> <td>Hot rolled 200 MPa 520-700 MPa 45 % 60 J (transverse)</td> </tr> </table>	Cold rolled 220 MPa 520-700 MPa 45 % -	Hot rolled 200 MPa 520-700 MPa 45 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 220 MPa 520-700 MPa 45 % -	Hot rolled 200 MPa 520-700 MPa 45 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001  
BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP  
Operations Tornio

Amanda Burrows, VP  
Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4307

Unique identification code of the product-type:	1.4307 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification				
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9				
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Cold rolled 220 MPa 520-700 MPa 45 %</td> <td style="width: 50%;">Hot rolled 200 MPa 520-700 MPa 45 %</td> </tr> <tr> <td colspan="2" style="text-align: center;">60 J (transverse)</td> </tr> </table>	Cold rolled 220 MPa 520-700 MPa 45 %	Hot rolled 200 MPa 520-700 MPa 45 %	60 J (transverse)		BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 220 MPa 520-700 MPa 45 %	Hot rolled 200 MPa 520-700 MPa 45 %					
60 J (transverse)						
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3				
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4				
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1				
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8				

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- F100001

BS EN 10088-4:2009, annex ZA

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Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4318

Unique identification code of the product-type:	1.4318 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification												
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9												
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black;">Cold rolled</td> <td style="width: 50%;">Hot rolled</td> </tr> <tr> <td style="border-right: 1px solid black;">350 MPa</td> <td>330 MPa</td> </tr> <tr> <td style="border-right: 1px solid black;">650-850 MPa</td> <td>650-850 MPa</td> </tr> <tr> <td style="border-right: 1px solid black;">35 % (&lt; 3 mm)</td> <td>35 % (&lt; 3 mm)</td> </tr> <tr> <td style="border-right: 1px solid black;">40 % (≥ 3 mm)</td> <td>40 % (≥ 3 mm)</td> </tr> <tr> <td style="border-right: 1px solid black;">-</td> <td>60 J (transverse)</td> </tr> </table>	Cold rolled	Hot rolled	350 MPa	330 MPa	650-850 MPa	650-850 MPa	35 % (< 3 mm)	35 % (< 3 mm)	40 % (≥ 3 mm)	40 % (≥ 3 mm)	-	60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled	Hot rolled													
350 MPa	330 MPa													
650-850 MPa	650-850 MPa													
35 % (< 3 mm)	35 % (< 3 mm)													
40 % (≥ 3 mm)	40 % (≥ 3 mm)													
-	60 J (transverse)													
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3												
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4												
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1												
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8												

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001

BS EN 10088-4:2009, annex ZA

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Signed for and on behalf of the manufacturer by:

  
 Tornio 14.06.2023 Juha Vatanen, SVP  
 Operations Tornio

  
 Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio



## DECLARATION OF PERFORMANCE

No 1.4372

Unique identification code of the product-type:	1.4372 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1" style="width: 100%;"> <tr> <td>Cold rolled 350 MPa 750-950 MPa 45 % -</td> <td>Hot rolled 330 MPa 750-950 MPa 45 % 60 J (transverse)</td> </tr> </table>	Cold rolled 350 MPa 750-950 MPa 45 % -	Hot rolled 330 MPa 750-950 MPa 45 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 350 MPa 750-950 MPa 45 % -	Hot rolled 330 MPa 750-950 MPa 45 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		


Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- F100001  
BS EN 10088-4:2009, annex ZA

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 Tornio 14.06.2023 Juha Vatanen, SVP  
 Operations Tornio

  
 Amanda Burrows, VP  
 Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4401

Unique identification code of the product-type:	1.4401 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

### Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <td>Cold rolled 240 MPa 530-680 MPa 40 % -</td> <td>Hot rolled 220 MPa 530-680 MPa 40 % 60 J (transverse)</td> </tr> </table>	Cold rolled 240 MPa 530-680 MPa 40 % -	Hot rolled 220 MPa 530-680 MPa 40 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 240 MPa 530-680 MPa 40 % -	Hot rolled 220 MPa 530-680 MPa 40 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:


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BS EN 10088-4:2009, annex ZA

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 Tornio 14.06.2023 Juha Vatanen, SVP  
 Operations Tornio



Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio



## DECLARATION OF PERFORMANCE

No 1.4404

Unique identification code of the product-type:	1.4404 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

### Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <td>Cold rolled 240 MPa 530-680 MPa 40 % -</td> <td>Hot rolled 220 MPa 530-680 MPa 40 % 60 J (transverse)</td> </tr> </table>	Cold rolled 240 MPa 530-680 MPa 40 % -	Hot rolled 220 MPa 530-680 MPa 40 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 240 MPa 530-680 MPa 40 % -	Hot rolled 220 MPa 530-680 MPa 40 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001

BS EN 10088-4:2009, annex ZA

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Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4432

Unique identification code of the product-type:	1.4432 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1" style="width: 100%;"> <tr> <td>Cold rolled 240 MPa 550-700 MPa 40 % -</td> <td>Hot rolled 220 MPa 550-700 MPa 40 % 60 J (transverse)</td> </tr> </table>	Cold rolled 240 MPa 550-700 MPa 40 % -	Hot rolled 220 MPa 550-700 MPa 40 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 240 MPa 550-700 MPa 40 % -	Hot rolled 220 MPa 550-700 MPa 40 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001

BS EN 10088-4:2009, annex ZA

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Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4436

Unique identification code of the product-type:	1.4436 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification										
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9										
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>Cold rolled</td> <td>Hot rolled</td> </tr> <tr> <td>240 MPa</td> <td>220 MPa</td> </tr> <tr> <td>550-700 MPa</td> <td>550-700 MPa</td> </tr> <tr> <td>40 %</td> <td>40 %</td> </tr> <tr> <td>-</td> <td>60 J (transverse)</td> </tr> </table>	Cold rolled	Hot rolled	240 MPa	220 MPa	550-700 MPa	550-700 MPa	40 %	40 %	-	60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled	Hot rolled											
240 MPa	220 MPa											
550-700 MPa	550-700 MPa											
40 %	40 %											
-	60 J (transverse)											
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3										
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4										
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1										
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8										


Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001  
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 Tornio 14.06.2023 Juha Vatanen, SVP  
 Operations Tornio

  
 Amanda Burrows, VP  
 Operations Controlling Stainless Europe & Tornio



## DECLARATION OF PERFORMANCE

No 1.4509

Unique identification code of the product-type:	1.4509 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	Cold rolled 250 MPa 430-630 MPa 18 % -	BS EN 10088-4:2009, Clause 6.5.1
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8

Appropriate Technical Documentation and/or Specific Technical Documentation:

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BS EN 10088-4:2009, annex ZA

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Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4510

Unique identification code of the product-type:	1.4510 – BS EN 10088-4:2009	
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes	
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland	
System/s of AVCP:	2+	
Harmonised standard:	BS EN 10088-4:2009	
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065	
Declared performance/s:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	Cold rolled 240 MPa 420-600 MPa 23 % -	BS EN 10088-4:2009, Clause 6.5.1
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8
Appropriate Technical Documentation and/or Specific Technical Documentation:	0879-CPR-10088-4- FI00001 BS EN 10088-4:2009, annex ZA	
<p>The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.</p> <p>Signed for and on behalf of the manufacturer by:</p>		
 Tornio 14.06.2023 Juha Vatanen, SVP Operations Tornio	 Amanda Burrows, VP Operations Controlling Stainless Europe & Tornio	

## DECLARATION OF PERFORMANCE

No 1.4512

Unique identification code of the product-type:	1.4512 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	Cold rolled 220 MPa 380-560 MPa 25 % -	BS EN 10088-4:2009, Clause 6.5.1
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001  
BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tornio 41.06.2023  Juha Vatanen, SVP

Operations Tornio

 Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio



## DECLARATION OF PERFORMANCE

No 1.4521

Unique identification code of the product-type:	1.4521 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	Cold rolled 320 MPa 420-640 MPa 20 % -	BS EN 10088-4:2009, Clause 6.5.1
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- F100001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

  
 Tornio 14.06.2023 Juha Vatanen, SVP  
 Operations Tornio

  
 Amanda Burrows, VP  
 Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4541

Unique identification code of the product-type:	1.4541 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td>Cold rolled 220 MPa 520-720 MPa 40 % -</td> <td>Hot rolled 200 MPa 520-720 MPa 40 % 60 J (transverse)</td> </tr> </table>	Cold rolled 220 MPa 520-720 MPa 40 % -	Hot rolled 200 MPa 520-720 MPa 40 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 220 MPa 520-720 MPa 40 % -	Hot rolled 200 MPa 520-720 MPa 40 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4571

Unique identification code of the product-type:	1.4571 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification				
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9				
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1" style="width: 100%;"> <tr> <td>Cold rolled 240 MPa 540-690 MPa 40 %</td> <td>Hot rolled 220 MPa 540-690 MPa 40 %</td> </tr> <tr> <td>-</td> <td>60 J (transverse)</td> </tr> </table>	Cold rolled 240 MPa 540-690 MPa 40 %	Hot rolled 220 MPa 540-690 MPa 40 %	-	60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 240 MPa 540-690 MPa 40 %	Hot rolled 220 MPa 540-690 MPa 40 %					
-	60 J (transverse)					
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3				
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4				
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1				
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8				

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- FI00001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juha Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio



## DECLARATION OF PERFORMANCE

No 1.4462

Unique identification code of the product-type:	1.4462 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

### Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9		
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1"> <tr> <td>Cold rolled 500 MPa 700-950 MPa 20 % -</td> <td>Hot rolled 460 MPa 700-950 MPa 25 % 60 J (transverse)</td> </tr> </table>	Cold rolled 500 MPa 700-950 MPa 20 % -	Hot rolled 460 MPa 700-950 MPa 25 % 60 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled 500 MPa 700-950 MPa 20 % -	Hot rolled 460 MPa 700-950 MPa 25 % 60 J (transverse)			
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3		
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4		
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1		
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8		

Appropriate Technical Documentation and/or Specific Technical Documentation:


0879-CPR-10088-4- F100001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

  
 Tornio 14.06.2023 Juhá Vatanen, SVP  
 Operations Tornio

  
 Amanda Burrows, VP  
 Operations Controlling Stainless Europe & Tornio

## DECLARATION OF PERFORMANCE

No 1.4162

Unique identification code of the product-type:	1.4162 – BS EN 10088-4:2009
Intended use/es:	Sheet/plate and strip of corrosion resisting steels for construction purposes
Manufacturer:	Outokumpu Stainless Oy Terästie, FI-95490 Tornio, Finland
System/s of AVCP:	2+
Harmonised standard:	BS EN 10088-4:2009
Notified body/ies:	TÜV UK Ltd, UK identification number: 0065

Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification										
Tolerances on dimensions and shape	Tolerances in accordance with EN ISO 9444-2 and EN ISO 9445-2	BS EN 10088-4:2009, Clause 6.9										
0,2%-proof strength (yield strength) Rp0,2 Tensile strength Rm Elongation A Impact strength KV	<table border="1" style="width: 100%;"> <tr> <td>Cold rolled</td> <td>Hot rolled</td> </tr> <tr> <td>530 MPa</td> <td>480 MPa</td> </tr> <tr> <td>700-900 MPa</td> <td>680-900 MPa</td> </tr> <tr> <td>20 %</td> <td>30 %</td> </tr> <tr> <td>-</td> <td>40 J (transverse)</td> </tr> </table>	Cold rolled	Hot rolled	530 MPa	480 MPa	700-900 MPa	680-900 MPa	20 %	30 %	-	40 J (transverse)	BS EN 10088-4:2009, Clause 6.5.1
Cold rolled	Hot rolled											
530 MPa	480 MPa											
700-900 MPa	680-900 MPa											
20 %	30 %											
-	40 J (transverse)											
Weldability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3										
Durability	(covered by chemical composition)	BS EN 10088-4:2009, Clause 6.3 and 6.4										
Fracture toughness/ brittle strength	(covered by impact strength)	BS EN 10088-4:2009, Clause 6.5.1										
Cold formability	(covered by elongation)	BS EN 10088-4:2009, Clause 6.8										

Appropriate Technical Documentation and/or Specific Technical Documentation:

0879-CPR-10088-4- F100001

BS EN 10088-4:2009, annex ZA

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 574/2014, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tornio 14.06.2023 Juhana Vatanen, SVP

Operations Tornio

Amanda Burrows, VP

Operations Controlling Stainless Europe & Tornio