



**Inspection certificate 3.1  
DIN EN 10204**

(A02)

No. (A03)

**1326847**

Page

1/4

Date

28.06.2022

No. (A07) 41733

08.03.2022

No. (A07)

Purchaser Oy Alusteel Ab  
(A06) 23500 UUSIKAUPUNKI  
FINNLAND

Customer Oy Alusteel Ab  
(A06) 23500 UUSIKAUPUNKI  
FINNLAND

Product Heavy plate  
(B01)

Works order No. 0000110810  
(A08)

Steel grade and terms of delivery S355K2+N  
(B02-B03) DIN EN 10025-2 10/19  
HRP-S355K2-SAL vom 07.02.2022  
DIN EN 10029 B 02/11  
DIN EN 10163-2 Kl. B UG3 03/05  
2382370

Dispatch note No. 0090229120  
27.06.2022

Inspection WS  
(A05)

Marking of the product (B06)

Trademark/Steelgrade/Heat-No/Product-No/  
inspector`s stamp

**Material data (B01-B99)**

Item	Quantity (B08)	Product No. (B07)	Heat No. (B07)	Cond. of delivery (B04)	Thickness x Width x Length (B09-B11)	mm	x	mm	x	mm
17	1	394718 1	43908	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394718 2	43908	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394718 3	43908	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394719 1	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394719 2	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394719 3	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394719 4	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394720 1	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394720 2	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394720 3	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	394720 4	43907	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398065 1	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398065 2	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398065 3	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398065 4	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398066 1	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398066 2	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398066 3	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398066 4	18761	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398067 1	44067	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398067 2	44067	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	398067 3	44067	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	400235 1	44101	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	400235 2	44101	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	400235 3	44101	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
17	1	400235 4	44101	N	25,00 x 2000,0 x 6000	25,00	x	2000,0	x	6000
Σ	26	Weight (B12)	62.400 kgs	N: normalized						

Dimensional check and visual examination of the surface condition:  
without objection

We hereby certify that the delivered material complies with the terms of the order.  
(Z01)

QM-System: Certification as per ISO 9001 since 28 February 1990



Trademark (A04)

Isenburger Grobblech GmbH  
Veckenstedter Weg 10  
D-38871 Isenburg  
(A01)



Inspection Stamp (Z03)



Inspection Representative (Z02)

Cyron



<b>Inspection certificate 3.1</b>		No. (A03)	<b>1326847</b>
<b>DIN EN 10204</b>		Page	2/4
(A02)		Date	28.06.2022
No. (A07)	41733	08.03.2022	No. (A07)
Purchaser	Oy Alusteel Ab	Customer	Oy Alusteel Ab
(A06)	23500 UUSIKAUPUNKI	(A06)	23500 UUSIKAUPUNKI
	FINNLAND		FINNLAND
Product	Heavy plate	Works order No.	0000110810
(B01)		(A08)	
Steel grade and terms of delivery	S355K2+N	Dispatch note No.	0090229120
(B02-B03)	DIN EN 10025-2 10/19		27.06.2022
	HRP-S355K2-SAL vom 07.02.2022	Inspection	WS
	DIN EN 10029 B 02/11	(A05)	
	DIN EN 10163-2 Kl. B UG3 03/05		
	2382370		

<b>Ladle analysis (C70-C99)</b>										
Manufacturer standard										
Heat No. (B07)	C %	Si %	Mn %	P %	S %	N %	Al %	Cu %	Cr %	Ni %
	≤0,20	≤0,55	≤1,60	≤0,025	≤0,025			≤0,55		
18761	0,15	0,27	1,55	0,015	0,003	0,003	0,039	0,06	0,06	0,05
43907	0,17	0,22	1,53	0,013	0,002	0,006	0,036	0,01	0,03	0,03
43908	0,17	0,21	1,53	0,011	0,005	0,003	0,047	0,05	0,04	0,04
44067	0,16	0,27	1,57	0,019	0,009	0,005	0,033	0,06	0,06	0,04
44101	0,17	0,18	1,54	0,015	0,008	0,004	0,039	0,10	0,04	0,06
Heat No. (B07)	Mo %	V %	Ti %	Nb %	EV1 1)					
	≤0,08	≤0,10			≤0,45					
18761	0,01	0,001	0,003	0,03	0,43					
43907	0,002	0,003	0,002	0,02	0,43					
43908	0,01	0,002	0,002	0,03	0,44					
44067	0,01	0,002	0,002	0,03	0,44					
44101	0,01	0,003	0,001	0,03	0,45					
1) EV1 : CEV=C+Mn/6+Mo/5+Ni/15+Cr/5+V/5+Cu/15										
Steel making: Basic oxygen process (C70)										

<b>Tensile test (C10-C29)</b>										
Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield point (C11) ReH MPa ≥ 345	Tensile strength (C12) Rm MPa 470 - 630	ReH/Rm	Elongation (C13) A5 7) % ≥ 20	
		1) 2) 3)	4)	5)	6)					
394718	43908	K4G	Q	N	P	417	575	0,73	28	
394720	43907	K4G	Q	N	P	434	576	0,75	27	
398066	18761	K4G	Q	N	P	412	574	0,72	29	
400019 *)	44067	K4G	Q	N	P	461	591	0,78	25	
1) K: Top 2) 4: 1/4 Width 3) G: Thickness of product 4) Q: transversal *) The sample product is not part of the delivery										
5) N: normalized 6) P: prismatic 7) A5: Lo=5,65 √So										

We hereby certify that the delivered material complies with the terms of the order. (Z01)

QM-System: Certification as per ISO 9001 since 28 February 1990



Trademark (A04)

Ilseburger Grobblech GmbH  
Veckenstedter Weg 10  
D-38871 Ilseburg  
(A01)



Inspection Stamp (Z03)



Inspection Representative (Z02)

Cyron

**Inspection certificate 3.1  
DIN EN 10204**

(A02)

No. (A03)

**1326847**

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Date

28.06.2022

No. (A07) 41733

08.03.2022

No. (A07)

Purchaser Oy Alusteel Ab  
(A06) 23500 UUSIKAUPUNKI  
FINNLANDCustomer Oy Alusteel Ab  
(A06) 23500 UUSIKAUPUNKI  
FINNLANDProduct Heavy plate  
(B01)Works order No. 0000110810  
(A08)

Dispatch note No. 0090229120

27.06.2022

Steel grade and terms of delivery S355K2+N

(B02-B03)

DIN EN 10025-2 10/19  
HRP-S355K2-SAL vom 07.02.2022  
DIN EN 10029 B 02/11  
DIN EN 10163-2 Kl. B UG3 03/05  
2382370

Inspection

(A05)

WS

**Tensile test (C10-C29)**

Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield point (C11) ReH MPa ≥345	Tensile strength (C12) Rm MPa 470 - 630	ReH/Rm	Elongation (C13) A5 7) % ≥20	
400235	44101	K4G	Q	N	P	449	581	0,77	26	

1) K: Top

2) 4: 1/4 Width

3) G: Thickness of product

4) Q: transversal

\*) The sample product is not part of the delivery

5) N: normalized

6) P: prismatic

7) A5: Lo=5,65√So

**Impact test (C40-C49)**

Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type of specimen (C40-C41)	Temperature (C03) °C	Impact energy (C42-C43)			
							1 J ≥28	2	3	MW 6) J ≥40
394718	43908	K4O	L	N	KV600	-020	192	185	195	191
394720	43907	K4O	L	N	KV600	-020	219	195	211	208
398066	18761	K4O	L	N	KV600	-020	228	231	215	225
400019 *)	44067	K4O	L	N	KV600	-020	174	165	169	169
400235	44101	K4O	L	N	KV600	-020	168	181	193	181

1) K: Top

2) 4: 1/4 Width

3) O: near surface

\*) The sample product is not part of the delivery

4) L: longitudinal

5) N: normalized

6) MW: Average

Our products are free of radioactive substances and do not exceed the clearing limit value of 100 Bq/kg, which guarantees the compliance with limit values given in the Radiation Protection Ordinance (StrlSchV) for the unrestricted clearance of solid material (StrlSchV Annex III, Section 5) for ferrous nuclides.

EPD acc. to EN 15804 + A2 &amp; ISO 14025

We hereby certify that the delivered material complies with the terms of the order.

(Z01)

QM-System: Certification as per ISO 9001 since 28 February 1990

Trademark  
(A04)Isenburger Grobblech GmbH  
Veckenstedter Weg 10  
D-38871 Isenburg  
(A01)Inspection Stamp  
(Z03)Inspection Representative  
(Z02)

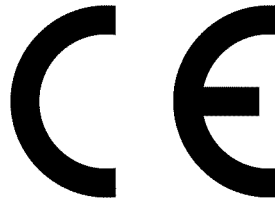
Cyron

This certificate was prepared by a suitable data processing system and is valid without signature according to EN 10 204, section 5.



**Inspection certificate 3.1**  
**DIN EN 10204**  
(A02)

No. (A03) **1326847**  
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Date 28.06.2022



0045

**Ilseburger Grobblech GmbH**  
**Veckenstedter Weg 10**  
**D-38871 Ilseburg**

**13**

0045-CPR-0673  
DoP: ILGS355K2-CPR-10025-01052022

**EN 10025-1 2004**

Warmgewalzte Baustahlprodukte  
Hot rolled structural steel products  
Produits en acier de construction laminé à chaud

Vorgesehene Verwendungen: Hochbauten und Ingenieurbauwerke  
Intended uses: Building constructions or civil engineering  
Usages prévus: Construction de bâtiments ou génie civil

Grenzabmaße und Formtoleranzen: Warmgewalztes Grobblech  
Tolerances on dimensions and shape: Hot rolled heavy plates  
Tolérances sur les dimensions et la forme: Tôles fortes  
refendues laminées à chaud: EN 10029

Dehnung / Elongation / Élongation: |  
Zugfestigkeit / Tensile strength / |  
Résistance à la traction: |  
Streckgrenze / Yield strenght / Limite d'élasticité: S355K2+N  
Kerbschlagarbeit / Impact strenght / | DIN EN 10025-2  
Résistance au choc: |  
Schweißbeignung / Weldability / Soudabilité: |

Dauerhaftigkeit: Keine Leistung festgestellt  
Durability: No performance determined  
Durabilité: Aucune performance déterminée

Regulierter Stoff: Keine Leistung festgestellt  
Regulated substance: No performance determined  
Substance Réglementée: Aucune performance déterminée

Die Leistungserklärung (DoP) gemäß EU-Verordnung 305/2011, Anhang III kann unter [www.ilseburger-grobblech.de/de/produkte/qualitaetsphilosophie-ims/zertifikate](http://www.ilseburger-grobblech.de/de/produkte/qualitaetsphilosophie-ims/zertifikate) abgerufen werden.

The Declaration of Performance (DoP) in acc. with EU-Regulation 305/2011, Annex III is available under [www.ilseburger-grobblech.de/en/produkte/qualitaetsphilosophie-ims/zertifikate](http://www.ilseburger-grobblech.de/en/produkte/qualitaetsphilosophie-ims/zertifikate)