



**Inspection certificate 3.1
DIN EN 10204**

(A02)

No. (A03)

1326840

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)

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
2382300

Inspection
(A05)

WS

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
10	1	395479 1	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395479 2	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395479 3	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395479 4	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395480 1	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395480 2	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395480 3	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395480 4	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395481 1	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395481 2	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395481 3	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395481 4	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395482 1	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395482 2	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395482 3	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395482 4	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395483 1	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395483 2	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395483 3	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395483 4	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395484 1	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395484 2	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395484 3	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395484 4	622517	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395485 1	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395485 2	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395485 3	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395485 4	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395486 1	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395486 2	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395486 3	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395486 4	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395487 3	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395487 4	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395488 1	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000
10	1	395488 2	43954	N	12,00 x 2000,0 x 6000	12,00	x	2000,0	x	6000

N: normalized

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)

1326840

Page

2/4

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
2382300

Inspection

(A05)

WS

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
10	1	395488 3	43954	N	12,00 x 2000,0 x 6000					
10	1	395488 4	43954	N	12,00 x 2000,0 x 6000					
10	1	395556 1	43954	N	12,00 x 2000,0 x 6000					
10	1	395556 2	43954	N	12,00 x 2000,0 x 6000					
10	1	395556 3	43954	N	12,00 x 2000,0 x 6000					
10	1	395556 4	43954	N	12,00 x 2000,0 x 6000					
Σ	42	Weight (B12)	48.384	kgs	N: normalized					

Dimensional check and visual examination of the surface condition:
without objection**Ladle analysis (C70-C99)**

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		
43954 622517	0,15 0,17	0,25 0,18	1,53 1,53	0,012 0,014	0,008 0,002	0,003 0,006	0,037 0,028	0,06 0,03	0,04 0,04	0,05 0,03
Heat No. (B07)	Mo %	V %	Ti %	Nb %	EV1 1) %					
	≤0,08	≤0,10			≤0,45					
43954 622517	0,01 0,01	0,002 0,001	0,002 0,004	0,001 0,001	0,42 0,44					

1) EV1 : CEV=C+Mn/6+Mo/5+Ni/15+Cr/5+V/5+Cu/15

Steel making: Basic oxygen process
(C70)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)

1326840

Page

3/4

Date

28.06.2022

No. (A07) 41733
Purchaser Oy Alusteel Ab
(A06) 23500 UUSIKAUPUNKI
FINNLAND

08.03.2022 No. (A07)

Customer Oy Alusteel Ab
(A06) 23500 UUSIKAUPUNKI
FINNLANDProduct Heavy plate
(B01)Works order No. 0000110810
(A08)Dispatch note No. 0090229120
27.06.2022Steel 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
2382300Inspection WS
(A05)**Tensile test (C10-C29)**

Specimen No. (C00)	Heat No. (B07)	Location (C01)	Direct. (C02)	Cond. (B05)	Type (C10)	Yield point (C11) ReH MPa ≥ 355	Tensile strength (C12) Rm MPa 470 - 630	ReH/Rm	Elongation (C13) A5 7) % ≥ 20
387831 *) 395485	622517 43954	K4G K4G	Q Q	N N	P P	434 389	557 537	0,78 0,72	28 28

- 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) 2) 3)	4)	5)			1	2	3	MW 6)
							J	J	J	J
							≥ 28			≥ 40
387831 *) 395485	622517 43954	K4O K4O	L L	N N	KV600 KV600	-020 -020	173 90	164 178	156 150	164 139

- 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 & 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)

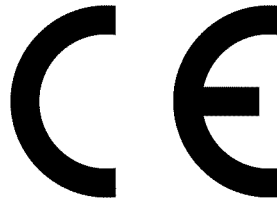
Cyron

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) **1326840**
Page 4/4
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 strength / Limite d'élasticité: S355K2+N
Kerbschlagarbeit / Impact strength / | DIN EN 10025-2
Résistance au choc: |
Schweißbarkeit / 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-grobbblech.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-grobbblech.de/en/produkte/qualitaetsphilosophie-ims/zertifikate