




Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)

A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)				A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21		A08/ Manufacturer's order/ A03 Certificate No. 471264-004		Sheet 1/...	
A05 Established inspecting body DH		A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI		A07.1 No. 1115057 A07.2 No.		B01 Product HEAVY PLATES			
B02/ Steel design.		S355K2+N							
B03 Any suppl. requirements		EN-10025-2:04 028020-Q:18.07.2019							

B01-B99 Description of the product

B14 Item No.	B08 Number of pieces	B09 Thickness	B10 Width	B11 Length	B12 Theoretical mass KG	B04 Product delivery condition	B07.2 Heat No.	B07.1 Rol.plate No./ Test No.	A09 Purchaser article number
MM									
03	1	10,00	x 2000	x 6000	942	N	496984	61910-01	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-02	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-03	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-04	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-05	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-06	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-07	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61910-08	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61911-01	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61911-02	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61911-03	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61911-04	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61911-05	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61911-06	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61912-03	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61912-04	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61912-05	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61912-06	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61912-07	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61912-08	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-01	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-02	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-03	C107




A04		Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.				 B. BALDAUF Test House Manager		 Inspector's stamp		AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar Inspection department		A01
 Manufacturer's mark										Date 20.10.21		PP 1

Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)

A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)				A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21	A08/ Manufacturer's order/ A03 Certificate No. 471264-004	Sheet 2/...
A05 Established inspecting body DH	A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI	A07.1 No. 1115057	A07.2 No.	B01 Product HEAVY PLATES		
B02/ Steel design.	S355K2+N					
B03 Any suppl. requirements	EN-10025-2:04 028020-Q:18.07.2019					

B01-B99 Description of the product

B14 Item No.	B08 Number of pieces	B09 Thickness	B10 Width	B11 Length	B12 Theoretical mass	B04 Product delivery condition	B07.2 Heat No.	B07.1 Rol.plate No./ Test No.	A09 Purchaser article number
			MM		KG				
03	1	10,00	x 2000	x 6000	942	N	496984	61913-04	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-05	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-06	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-07	C107
03	1	10,00	x 2000	x 6000	942	N	496984	61913-08	C107
**	28				26376				
04	1	10,00	x 2500	x 6000	1178	N	496986	61982-04	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61982-05	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61982-06	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61983-01	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61983-02	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61983-03	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61983-04	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61983-05	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61983-06	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61984-01	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61984-02	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61984-03	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61984-04	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61984-05	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61987-04	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61987-05	C1079
04	1	10,00	x 2500	x 6000	1178	N	496986	61987-06	C1079

A04	Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.			AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar Inspection department	A01
 Manufacturer's mark		B. BALDAUF Test House Manager	Inspector's stamp	Date 20.10.21	PP 1

Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)

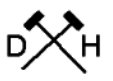


A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)				A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21		A08/ Manufacturer's order/ A03 Certificate No. 471264-004		Sheet 3/...	
A05 Established inspecting body DH		A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI		A07.1 No. 1115057 A07.2 No.		B01 Product HEAVY PLATES			
B02/ Steel design.		S355K2+N							
B03 Any suppl. requirements		EN-10025-2:04 028020-Q:18.07.2019							

B01-B99 Description of the product

B14 Item No.	B08 Number of pieces	B09 Thickness	B10 Width	B11 Length	B12 Theoretical mass KG	B04 Product delivery condition	B07.2 Heat No.	B07.1 Rol.plate No./ Test No.	A09 Purchaser article number
**	17				20026				
10	1	15,00	x 2500	x 6000	1766	N	496988	62040-01	C1579
10	1	15,00	x 2500	x 6000	1766	N	496988	62040-05	C1579
**	2				3532				
13	1	18,00	x 2000	x 6000	1696	N	496206	65371-01	C187
13	1	18,00	x 2000	x 6000	1696	N	496206	65371-02	C187
13	1	18,00	x 2000	x 6000	1696	N	496206	65371-03	C187
13	1	18,00	x 2000	x 6000	1696	N	496206	65371-05	C187
**	4				6784				
18	1	30,00	x 2000	x 6000	2826	N	497111	65578-01	C307
18	1	30,00	x 2000	x 6000	2826	N	497111	65578-02	C307
18	1	30,00	x 2000	x 6000	2826	N	497111	65578-03	C307
18	1	30,00	x 2000	x 6000	2826	N	497111	65579-01	C307
18	1	30,00	x 2000	x 6000	2826	N	497111	65579-02	C307
18	1	30,00	x 2000	x 6000	2826	N	497111	65579-03	C307
**	6				16956				
***	57				73674				

B06 Marking of the product

ITEM NO. : 03-05,07,10,12-13,18,21
 STEEL DESIGNATION S355K2+N
 HEAT NO. / TRADEMARK / ROLLED PLATE NO.-TEST NO. / INSPECTOR'S STAMP

A04  Manufacturer's mark		Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.			 B. BALDAUF Test House Manager		 Inspector's stamp		AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar Inspection department		A01
					Date 20.10.21		PP		1		

Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)




A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)				A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21		A08/ Manufacturer's order/ A03 Certificate No. 471264-004		Sheet 4/...	
A05 Established inspecting body DH		A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI		A07.1 No. 1115057 A07.2 No.		B01 Product HEAVY PLATES			
B02/ Steel design. S355K2+N									
B03 Any suppl. requirements		EN-10025-2:04 028020-Q:18.07.2019							

C10-C29 Tensile test

B14 Item No.	B07.2 Heat No.	B07.1 Rol.plate No./ Test No.	B05 Reference (heat) treatment	C01	C02/ C01	C03 Temp. GR.C	C10 C11 MPA REH	C12 RM	C13	A % LO=5D	C14-C15		
03	496984	61911		K4	Q	RT	431	544		32			
04	496986	61982		K4	Q	RT	429	554		30			
04	496986	61983		K4	Q	RT	424	550		32			
04	496986	61984		K4	Q	RT	447	556		33			
04	496986	61987		K4	Q	RT	423	551		33			
05	496984	61918 *		K4	Q	RT	443	548		36			
07	496986	62000 *		K4	Q	RT	416	546		34			
07	496986	62003 *		K4	Q	RT	415	545		32			
10	496988	62036 *		K4	Q	RT	421	550		32			
12	496988	62042 *		K4	Q	RT	426	556		29			
12	496988	62043 *		K4	Q	RT	423	554		32			
13	496206	65371		K4	Q	RT	415	548		33			
18	497111	65579		K4	Q	RT	433	567		30			
21	497111	65580 *		K4	Q	RT	430	557		29			

C40-C49 Impact test

B14 Item No.	B07.2 Heat No.	B07.1 Rol.plate No./ Test No.	B05 Reference (heat) treatment	C01	C02/ C01	C03 Temp. GR.C	C41 Width of test piece	C40 Type of test piece	C44 Testing method	C46 Energy Joule	C45	C42 Individual values AV=J			C43 Mean value
03	496984	61911		K4	LO	-20	7,5	CHP-V		750	AV 2	184	162	144	163
04	496986	61982		K4	LO	-20	7,5	CHP-V		750	AV 2	159	145	150	151
04	496986	61983		K4	LO	-20	7,5	CHP-V		750	AV 2	123	138	154	138
04	496986	61984		K4	LO	-20	7,5	CHP-V		750	AV 2	198	174	199	190
04	496986	61987		K4	LO	-20	7,5	CHP-V		750	AV 2	130	162	125	139
05	496984	61918 *		K4	LO	-20	7,5	CHP-V		750	AV 2	226	194	179	200

 Manufacturer's mark	Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.				 B. BALDAUF Test House Manager	 Inspector's stamp	AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar Inspection department			Date 20.10.21 PP 1

Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)

A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)				A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21		A08/ Manufacturer's order/ A03 Certificate No. 471264-004		Sheet 5/...	
A05 Established Inspecting body DH		A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI		A07.1 No. 1115057 A07.2 No.		B01 Product HEAVY PLATES			
B02/ Steel design. S355K2+N									
B03 Any suppl. requirements		EN-10025-2:04 028020-Q:18.07.2019							

C40-C49 Impact test

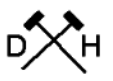


B14 Item No.	B07.2 Heat No.	B07.1 Rol.plate No./ Test No.	B05 Reference (heat) treatment	C01	C02/ C01	C03 Temp. GR.C	C41 Width of test piece	C40 Type of test piece	C44 Testing method	C46 Energy Joule	C45	C42 Individual values AV=J			C43 Mean value
07	496986	62000	*	K4	LO	-20	7,5	CHP-V		750	AV 2	189	169	191	183
07	496986	62003	*	K4	LO	-20	7,5	CHP-V		750	AV 2	153	161	181	165
10	496988	62036	*	K4	LO	-20		CHP-V		750	AV 2	222	221	209	217
12	496988	62042	*	K4	LO	-20		CHP-V		750	AV 2	267	289	259	272
12	496988	62043	*	K4	LO	-20		CHP-V		750	AV 2	254	282	260	265
13	496206	65371		K4	LO	-20		CHP-V		750	AV 2	257	268	240	255
18	497111	65579		K4	LO	-20		CHP-V		750	AV 2	255	263	252	257
21	497111	65580	*	K4	LO	-20		CHP-V		750	AV 2	236	238	241	238

C70-C99 Chemical composition % - Heat analysis

B07.2 Heat	C70	C	SI	MN	P	S	CU	MO	NI	CR	V	AL-T
496206	Y	0,151	0,207	1,446	0,015	0,0009	0,020	0,019	0,036	0,059	0,001	0,046
496984	Y	0,147	0,216	1,454	0,012	0,0006	0,044	0,003	0,031	0,031	0,001	0,043
496986	Y	0,157	0,223	1,479	0,014	0,0007	0,025	0,007	0,035	0,033	0,001	0,043
496988	Y	0,151	0,221	1,530	0,013	0,0008	0,025	0,007	0,027	0,034	0,001	0,053
497111	Y	0,160	0,209	1,539	0,015	0,0011	0,051	0,010	0,035	0,045	0,001	0,032

C94 Heat analysis Carbon equivalent / Alloying restrictions

B07.2 Heat	FO-02=	0,41
496206	FO-02=	0,41
496984	FO-02=	0,40
496986	FO-02=	0,42
496988	FO-02=	0,42
497111	FO-02=	0,43

 Manufacturer's mark	A04 Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.		 B. BALDAUF Test House Manager	 Inspector's stamp	AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar Inspection department		A01 Date 20.10.21 PP 1

Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)

A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)		A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21	A08/ Manufacturer's order/ A03 Certificate No. 471264-004	Sheet 6/...
A05 Established Inspecting body DH	A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI	A07.1 No. 1115057 A07.2 No.	B01 Product HEAVY PLATES	
B02/ Steel design.	S355K2+N			
B03 Any suppl. requirements	EN-10025-2:04 028020-Q:18.07.2019			

C94 Carbon equivalent formula / Alloying restrictions

$$FO-02 = C + (MN/6) + (CR+MO+V)/5 + (NI+CU)/15$$

D01 Marking and identification, surface appearance, shape and dimensional properties

ITEM NO. : 03-05,07,10,12-13,18,21

EXAMINATION OF MARKING, SURFACE, SHAPE AND DIMENSIONS: THE RESULTS MEET THE REQUIREMENTS.

SURFACE AS PER EN-10163-2 CLASS A SUBCLASS 2
 THICKNESS AS PER EN-10029:10-A
 LENGTH AND WIDTH AS PER EN-10029:10
 FLATNESS AS PER EN-10029:10-T4L

Z04 Environmental product declaration for structural steel

ITEM NO. : 03-05,07,10,12-13,18,21

For structural steel plates from Dillinger a validated environmental product declaration according to ISO 14025 and EN 15804 was established: EPD-BFS-20180116-IBG2-EN. Further information can be found under www.dillinger.de/EPD-E/.

A04



Manufacturer's mark

Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.

B. BALDAUF
Test House Manager



Inspector's stamp

AG der Dillinger Hüttenwerke
Postfach 1580, D-66748 Dillingen/Saar
Inspection department

A01

Date 20.10.21



PP 1

Erläuterungen siehe Rückseite/Explications voir au verso/See reverse for explanations (www.dillinger.de/certificate)

A02 INSPECTION CERTIFICATE 3.1 AS PER EN 10204:2004 INSPECTION CERTIFICATE 3.1 AS PER ISO 10474:2013 MATERIAL TEST REPORT (MTR)			A10 Advice of dispatch No./ Date of dispatch 754402-20.10.21	A08/ Manufacturer's order/ A03 Certificate No. 471264-004	Sheet 7
A05 Established Inspecting body DH	A06 Purchaser FEON, HELSINKI Final receiver FEON, HELSINKI	A07.1 No. 1115057 A07.2 No.	B01 Product HEAVY PLATES		
B02/ Steel design.	S355K2+N				
B03 Any suppl. requirements	EN-10025-2:04 028020-Q:18.07.2019				

Z04 CE-marking

ITEM NO.: 03-05,07,10,12-13,18,21

 0769	EN 10025-1:2004 Plate S355K2 / 1.0596 to be used in welded, bolted and riveted structures
 AG der Dillinger Hüttenwerke Postfach 1580, D-66748 Dillingen/Saar 21 S355K2_EN10025-2-04_A_160101E1	Tolerance on dimensions and shape: Elongation Tensile strength Yield strength Impact strength Weldability Durability (chemical composition)
expressed as declared in the DoP S355K2_EN10025-2-04_A_160101E1	

The declaration of performance can be downloaded from www.dillinger.de/dop/S355K2_EN10025-2-04_A_160101E1.pdf

A04



Manufacturer's mark

Z01/Z02/Z03 We hereby certify, that the above mentioned materials have been delivered in accordance with the terms of order.

B. BALDAUF
Test House Manager



Inspector's stamp

AG der Dillinger Hüttenwerke
Postfach 1580, D-66748 Dillingen/Saar
Inspection department

A01

Date 20.10.21

PP 1