



## Declaration Of Performance

Consignee:

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# UK CA

Kromat Trading Ltd.  
9, Palace Court  
LONDON  
W2 4LP  
VEREINIGTES KÖNIGREICH

21  
1244-CPR-1034

Inspection document no.: 80484115.01  
Inspection certificate: EN 10204 - 3.1  
Steel grade: S235JR/S275JR+AR  
Material no.: 1.0038/1.0044

Confirmation of order: 168735  
Purchase order: Mail dated 02.02.2018 by e-mail  
Delivery note: 80484115  
Goods movement date: 15.03.2018

lt.	Cast	Article-No.	Description	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	Cu %	V %	Nb %	Ti %	Al %	Ca %	N ppm	CEV %
1	GE 263481	172665	WIDE FLAT 200x15 S235/275JR 6.1m	0.09	0.18	0.55	0.017	0.028	0.16	0.02	0.19	0.41	0.001	0.001	0.001	0.003		97	0.260
2	GE 263482	172665	WIDE FLAT 200x15 S235/275JR 6.1m	0.10	0.16	0.56	0.016	0.029	0.15	0.02	0.15	0.39	0.001	0.001	0.001	0.003		97	0.265


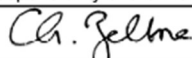
lt.	Cast	Origin	CE		Bundles / Coils	Weight t	Section		Tensile test					Ribs	Impact test						
							mm2	%	ReH/MPa	Rm/MPa	Rm/Re	Agt %	A5,65 %	fR	Positio	K1 J	K2 J	K3 J	Aver. J	T°C	
1	GE 263481	Gerlafingen	780		18				310	436											
2	GE 263482	Gerlafingen	780		2				308	438											

Inspector

Factory  
Gerlafingen

Date  
23.03.2022

Quality Assurance Dept.  
M. Hamberger

1	Identification product code	Steel grade / material no.					
2	Identification of the product	Certificate, delivery note and label					
3	Intended use	Hot-rolled structural steel products for metal building structures or in composite concrete composite structures according to EN 10025-1:2004					
4	Manufacturer	Stahl Gerlafingen AG Postfach CH-4563 Gerlafingen CHE-105.859.757 MWST www.stahl-gerlafingen.com - info@stahl-gerlafingen.com					
5	System to evaluate the performance according to regulation (EU) no 305/2011	System 2+					
6	Notified body	UK Certification Authority for Reinforcing Steels Ltd. Pembroke House, 21 Pembroke Road, Sevenoaks, Kent, TN131XR					
7	Tasks of the notified body	The notified body has performed the initial inspection of factory and factory production control and the continuous surveillance, assessment and approval of factory production control and has issued the certificate 0063-CPR-106584.					
8	Declared performance	Thickness [mm]	S235 JR/J0/J2	S275 JR/J0/J2	S235/S275 JR/J0/J2	S355 JR/J0/J2	EN 10025-2: 2019 Tolerances on dimensions and shape Flat bars in accordance with EN 10058, wide flat bars in accordance with DIN 59200 and angles in accordance with EN 10056-1 and tolerances in accordance with EN 10056-2 European wide flange beams HEB/IPB and HEA/IPBI in accordance with DIN 1025-2 and -3 and tolerances in accordance with EN 10034 European beams IPE in accordance with DIN 1025-5 and tolerances in accordance with EN 10034 European taper flange channels UPN in accordance with DIN 1026-1 and tolerances in accordance with EN 10279
	Yield strength ReH [MPa]	<= 16	>= 235	>= 275	>= 275	>= 355	
		> 16 / <= 40	>= 225	>= 265	>= 265	>= 345	
	Tensile strength Rm [MPa]	>= 3 / <= 100	>= 360 / <= 510	>= 410 / <= 560	>= 410 / <= 510	>= 470 / <= 630	
	Elongation A5.65[%]	>= 3 / <= 40	>= 26	>= 23	>= 26	>= 22	
	Impact strength [J]	<= 15 <sub>CV</sub>	>= 27	>= 27	>= 27	>= 27	
		Temperature: JR at 20°C / J0 at 0°C / J2 at -20°C					
	Weldability CEV [%]	<= 30	<= 0.35	<= 0.40	<= 0.35	<= 0.45	
		> 30 / <= 40	<= 0.35	<= 0.40	<= 0.35	<= 0.47	
	Suitable for zinc coating	Classes 2 and 3					
Durability	No performance determined						
	Non-radioactivity is controlled.						
	Regulated material: No performance determined.						
	Electric arc furnace (>95% recycling content). Environmental product declaration ICQM - 14011EPD.						
The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.							
Signed for and on behalf of Stahl Gerlafingen AG by:		Gerlafingen, 23.03.2022		 Alain Creteur Country Manager		 Dr. Christoph Zeltner Head of Quality and Environment	