LSA STEEL UK
FICES: Build. 58, Castle Works, East Moors Road
24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

:andard
;-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number: 2550120952
Order number :15692568
Your order :C104277

IATERIAL ot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
3275 JR+AR FL80X10 L.6m	CM120549	0.09	0.55	0.15	0.016	0.026	0.104	0.011	0.12	0.42	0.016	0.002	0.240	342	473	40.7					
3275 JR+AR FL80X10 L.6m	CM120549	0.09	0.55	0.15	0.016	0.026	0.104	0.011	0.12	0.42	0.016	0.002	0.240	345	472	40.7					
3275 JR+AR FL80X10 L.6m	CM120729	0.10	0.54	0.15	0.022	0.030	0.123	0.012	0.12	0.50	0.015	0.001	0.256	335	474	40.7					
3275 JR+AR FL80X10 L.6m	CM120729	0.10	0.54	0.15	0.022	0.030	0.123	0.012	0.12	0.50	0.015	0.001	0.256	338	473	41.3					
S275 JR+AR FL80X10 L.6m	CM120729	0.10	0.54	0.15	0.022	0.030	0.123	0.012	0.12	0.50	0.015	0.001	0.256	336	469	41.3					
S275 JR+AR FL80X10 L.6m	CM120729	0.10	0.54	0.15	0.022	0.030	0.123	0.012	0.12	0.50	0.015	0.001	0.256	336	474	40.8					
S275 JR+AR FL80X10 L.6m	CM120732	0.09	0.51	0.15	0.023	0.027	0.123	0.012	0.13	0.48	0.022	0.001	0.243	328	471	41.3					
S275 JR+AR FL80X10 L.6m	CM120732	0.09	0.51	0.15	0.023	0.027	0.123	0.012	0.13	0.48	0.022	0.001	0.243	324	475	40.7					
S275 JR+AR FL80X10 L.6m	CM120732	0.09	0.51	0.15	0.023	0.027	0.123	0.012	0.13	0.48	0.022	0.001	0.243	330	470	40.7					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

teel making process -
lectric arc

Certified that the material detailed hereon meets the
requirements of the specified standard.
Cardiff, 16.07.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a
true copy of the manufacturers
test certificate held in our
possession

PAGE: 1 - 1

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 80 x 10 mm Size: 6.400 Colour: GOLD

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CE

LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550124157
Order number :15693387
Your order :C104571

MATERIAL Hot rolled structural steel products	CAST	C	MN	SI	S	P	Cr	N	Ni	Cu	Mo	V	CE	Reh	Rm	A 5.65	T	Impact 1	Impact 2	Impact 3	Impact Avg.
		%	%	%	%	%	%	%	%	%	%	%	%	MPA	MPA	%	°C	J	J	J	J
S275 JR+AR FL80X12 L.6m	CM118965	0.09	0.53	0.15	0.025	0.012	0.106	0.012	0.13	0.46	0.018	0.001	0.245	308	455	39.9					
S275 JR+AR FL80X12 L.6m	CM118965	0.09	0.53	0.15	0.025	0.012	0.106	0.012	0.13	0.46	0.018	0.001	0.245	311	453	39.9					
S275 JR+AR FL90X10 L.6m	CM120709	0.09	0.52	0.15	0.024	0.032	0.135	0.012	0.12	0.52	0.018	0.001	0.253	324	448	40.2	YL				
S275 JR+AR FL90X10 L.6m	CM120709	0.09	0.52	0.15	0.024	0.032	0.135	0.012	0.12	0.52	0.018	0.001	0.253	315	446	39.6					
S275 JR+AR FL90X10 L.6m	CM120709	0.09	0.52	0.15	0.024	0.032	0.135	0.012	0.12	0.52	0.018	0.001	0.253	314	447	40.8					

199882

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 06.08.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

ustomer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
roduct: Flats 90 x 10 mm Size: 6.400 Colour: YELLOW

ELSA STEEL UK
FFICES: Build. 58, Castle Works, East Moors Road
F24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA
MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

tandard
S-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550121852
Order number :15692896
Your order :C104390

MATERIAL ol rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
275 JR+AR FL100X10 L.6m	CM120667	0.09	0.53	0.16	0.027	0.018	0.112	0.012	0.11	0.51	0.015	0.001	0.244	328	458	39.3					
275 JR+AR FL100X10 L.6m	CM120668	0.09	0.52	0.15	0.027	0.026	0.123	0.010	0.12	0.48	0.014	0.001	0.245	325	463	38.9					
275 JR+AR FL100X10 L.6m	CM120668	0.09	0.52	0.15	0.027	0.026	0.123	0.010	0.12	0.48	0.014	0.001	0.245	337	469	39.4					
275 JR+AR FL100X10 L.6m	CM120668	0.09	0.52	0.15	0.027	0.026	0.123	0.010	0.12	0.48	0.014	0.001	0.245	325	462	39.3					
275 JR+AR FL100X10 L.6m	CM120668	0.09	0.52	0.15	0.027	0.026	0.123	0.010	0.12	0.48	0.014	0.001	0.245	329	466	39.3					
275 JR+AR FL100X10 L.6m	CM120668	0.09	0.52	0.15	0.027	0.026	0.123	0.010	0.12	0.48	0.014	0.001	0.245	325	462	39.3					
275 JR+AR FL100X10 L.6m	CM120669	0.10	0.55	0.15	0.031	0.026	0.108	0.011	0.11	0.47	0.012	0.001	0.257	327	464	39.3					
275 JR+AR FL100X10 L.6m	CM120669	0.10	0.55	0.15	0.031	0.026	0.108	0.011	0.11	0.47	0.012	0.001	0.257	326	461	39.3					

19458

e materials has been evaluated and radiation is within national limits
oduct suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

el making process -
ctric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 20.07.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession JC 24/7

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 100 x 10 mm Size: 6,400 Colour: ORANGE

stomer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: MSL10015

oduct: Flats 130 x 10 mm Size: 9,400 Colour: GOLD

CAPARO

CAPARO MERCHANT BAR p.l.c.

Caparo House, PO Box 15, Scunthorpe, North Lincolnshire, DN16 1XL

CERTIFICATE OF TEST

In accordance with EN10204 3.1

CUSTOMER

HALL & PICKLES 1812 LIMITED T/A HALL & PICKLES
CROSSKEYS

BLACKVEIN INDUSTRIAL ESTATE
WATTSVILLE
CROSSKEYS
GWENT NP17QJ

INSPECTION

Supplied in the as-rolled condition

CMB No. **539314** ADVICE **68385** CUST No. **C98745**

SPECIFICATION
EN10025-2 S275JR +AR

HOT ROLLED STRUCTURAL STEEL PRODUCT SUITABLE FOR BUILDING CONSTRUCTION OR CIVIL ENGINEERING

*Gauge Length 5.65 $\sqrt{SO}$
Charpy Size : A=10x10x2mmV, B= 10x7.5x2mmV, C= 10x5x2mmV

Item No.	Product Code	Section (mm)	Length (mm)	Cast	Bundle Nos.	Approx No. of Bars	Yield Stress Re (Mpa)	Tensile Strength Rm (Mpa)	Elong %*	Charpy Impact Results #	Joules KV2	ave	Ladle Analysis % C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co	B	Cu	Nb	N	Sn	Ti	V	CEV
6	F	130 X 10.00 FLATS	06130	46521	51488	36	305	444	35				.150	.180	.640	.021	.016	.025	.002	.021	.001	.007	.0002	.021	.001	.003	.002	.000	.003	.265
				46527	51480	36	302	428	32				.150	.180	.620	.013	.013	.022	.003	.020	.001	.007	.0002	.010	.001	.004	.001	.001	.002	.260
				46527	51481	36	302	428	32				.150	.180	.620	.013	.013	.022	.003	.020	.001	.007	.0002	.010	.001	.004	.001	.001	.002	.260

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession
LeB

Certified that the whole of the supplies detailed hereon have been inspected, tested and unless otherwise stated above conform in all respects with the contract or order. The quality control arrangements adopted in respect of these supplies have accorded with the conditions of our registration under BS EN ISO 9001:2008 Reg LRQ4003265

CE Marking Certificate Number 0038/CPD/20060002/A

CE
0038

For and on Behalf of Caparo Merchant Bar plc

Andrew Kennedy
Technical Services Manager

16553

LSA STEEL UK
FICES: Build. 58, Castle Works, East Moors Road
24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CE

LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

andard
-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550118014
Order number :15691646
Your order :C104044

ATERIAL t rolled structural steel products	CAST	C	MN	SI	S	P	Cr	N	Ni	Cu	Mo	V	CE	Reh	Rm	A 5.65	T	Impact 1	Impact 2	Impact 3	Impact Avg.
		%	%	%	%	%	%	%	%	%	%	%	%	MPA	MPA	%	°C	J	J	J	J
275 JR+AR FL150X10 L.6m	CM119845	0.11	0.55	0.15	0.017	0.026	0.128	0.011	0.12	0.48	0.013	0.001	0.272	324	459	35.8					
275 JR+AR FL150X10 L.6m	CM119845	0.11	0.55	0.15	0.017	0.026	0.128	0.011	0.12	0.48	0.013	0.001	0.272	329	460	35.8					
275 JR+AR FL150X10 L.6m	CM119845	0.11	0.55	0.15	0.017	0.026	0.128	0.011	0.12	0.48	0.013	0.001	0.272	332	460	35.8					
275 JR+AR FL150X10 L.6m	CM119845	0.11	0.55	0.15	0.017	0.026	0.128	0.011	0.12	0.48	0.013	0.001	0.272	335	460	35.7					

he materials has been evaluated and radiation is within national limits
roduct suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

eel making process -
ectric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 28.06.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

198888

ustomer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
roduct: Flats 150 x 10 mm Size: 6.400 Colour: ORANGE

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550126956
Order number :15694099
Your order :C104855

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL120X10 L.6m	CM120452	0.09	0.54	0.15	0.026	0.022	0.148	0.011	0.13	0.45	0.020	0.002	0.255	312	453	37.6					
S275 JR+AR FL120X10 L.6m	CM120452	0.09	0.54	0.15	0.026	0.022	0.148	0.011	0.13	0.45	0.020	0.002	0.255	311	450	38.1					
S275 JR+AR FL120X10 L.6m	CM120452	0.09	0.54	0.15	0.026	0.022	0.148	0.011	0.13	0.45	0.020	0.002	0.255	305	452	38.1					
S275 JR+AR FL120X10 L.6m	CM120452	0.09	0.54	0.15	0.026	0.022	0.148	0.011	0.13	0.45	0.020	0.002	0.255	320	451	38.1					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	331	471	37.7					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	330	466	37.7					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	343	469	37.7					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	332	468	37.7					
S275 JR+AR FL180X10 L.6m	CM121552	0.10	0.55	0.17	0.022	0.022	0.119	0.010	0.14	0.49	0.019	0.002	0.262	316	464	41.4					
S275 JR+AR FL180X10 L.6m	CM121552	0.10	0.55	0.17	0.022	0.022	0.119	0.010	0.14	0.49	0.019	0.002	0.262	319	461	41.4					
S275 JR+AR FL180X10 L.6m	CM121552	0.10	0.55	0.17	0.022	0.022	0.119	0.010	0.14	0.49	0.019	0.002	0.262	321	456	39.2					
S275 JR+AR FL180X10 L.6m	CM121552	0.10	0.55	0.17	0.022	0.022	0.119	0.010	0.14	0.49	0.019	0.002	0.262	318	464	40.2					
S275 JR+AR FL180X20 L.6m	CM121574	0.16	0.58	0.17	0.024	0.024	0.134	0.011	0.13	0.55	0.021	0.002	0.328	314	477	35.9					
S275 JR+AR FL180X20 L.6m	CM121574	0.16	0.58	0.17	0.024	0.024	0.134	0.011	0.13	0.55	0.021	0.002	0.328	311	480	36.0					
S275 JR+AR FL180X20 L.6m	CM121574	0.16	0.58	0.17	0.024	0.024	0.134	0.011	0.13	0.55	0.021	0.002	0.328	323	482	35.2					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 25.08.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

Customer; WELDRITE STRUCTURES LIMITED S/O No.; 712307 Cust Ref; WSL10015
Product; Flats 180 x 10 mm Size; 6,400 Colour; BLUE

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CARES QUALITY SYSTEMS ISO 9001 2008 — UKAS 1100

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB POYNTON
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number: 2550081529
Order number : 15681138
Your order : C100702

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL200X10 L.6m	CM114847	0.10	0.53	0.15	0.029	0.031	0.081	0.012	0.11	0.39	0.016	0.001	0.239	317	446	33.6					
S275 JR+AR FL200X10 L.6m	CM114847	0.10	0.53	0.15	0.029	0.031	0.081	0.012	0.11	0.39	0.016	0.001	0.239	313	445	34.6					
S275 JR+AR FL200X10 L.6m	CM114850	0.11	0.56	0.16	0.024	0.026	0.097	0.011	0.11	0.40	0.016	0.001	0.259	320	456	33.7					
S275 JR+AR FL200X10 L.6m	CM114850	0.11	0.56	0.16	0.024	0.026	0.097	0.011	0.11	0.40	0.016	0.001	0.259	297	416	33.7					

19076

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 09.08.2017

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 200 x 10 mm Size: 6,400 Colour: ORANGE

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB POYNTON
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number: 2550096820
Order number : 15685223
Your order : C101961

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL200X20 L.6m	CM116183	0.14	0.54	0.16	0.023	0.022	0.132	0.010	0.14	0.45	0.030	0.001	0.299	285	449	33.8					
S275 JR+AR FL200X20 L.6m	CM116183	0.14	0.54	0.16	0.023	0.022	0.132	0.010	0.14	0.45	0.030	0.001	0.299	280	447	34.6					
S275 JR+AR FL200X20 L.6m	CM116183	0.14	0.54	0.16	0.023	0.022	0.132	0.010	0.14	0.45	0.030	0.001	0.299	284	446	34.7					
S275 JR+AR FL200X20 L.6m	CM116183	0.14	0.54	0.16	0.023	0.022	0.132	0.010	0.14	0.45	0.030	0.001	0.299	290	453	34.2					
S275 JR+AR FL200X25 L.6m	CM116181	0.15	0.54	0.16	0.021	0.018	0.108	0.011	0.14	0.44	0.026	0.001	0.307	280	459	33.1					
S275 JR+AR FL200X25 L.6m	CM116181	0.15	0.54	0.16	0.021	0.018	0.108	0.011	0.14	0.44	0.026	0.001	0.307	282	456	34.4					
S275 JR+AR FL200X25 L.6m	CM116181	0.15	0.54	0.16	0.021	0.018	0.108	0.011	0.14	0.44	0.026	0.001	0.307	289	459	31.9					
S275 JR+AR FL200X25 L.6m	CM116181	0.15	0.54	0.16	0.021	0.018	0.108	0.011	0.14	0.44	0.026	0.001	0.307	286	459	33.4					
S275 JR+AR FL220X10 L.6m	CM116197	0.10	0.54	0.14	0.020	0.017	0.128	0.012	0.13	0.45	0.044	0.001	0.264	285	416	39.6					
S275 JR+AR FL220X10 L.6m	CM116197	0.10	0.54	0.14	0.020	0.017	0.128	0.012	0.13	0.45	0.044	0.001	0.264	288	422	37.5					
S275 JR+AR FL220X10 L.6m	CM116197	0.10	0.54	0.14	0.020	0.017	0.128	0.012	0.13	0.45	0.044	0.001	0.264	275	410	40.0					
S275 JR+AR FL220X10 L.6m	CM116197	0.10	0.54	0.14	0.020	0.017	0.128	0.012	0.13	0.45	0.044	0.001	0.264	285	413	39.0					
S275 JR+AR FL220X12 L.6m	CM116189	0.11	0.53	0.16	0.025	0.029	0.197	0.010	0.13	0.46	0.035	0.002	0.288	293	435	36.4					
S275 JR+AR FL220X12 L.6m	CM116189	0.11	0.53	0.16	0.025	0.029	0.197	0.010	0.13	0.46	0.035	0.002	0.288	289	436	37.7					
S275 JR+AR FL220X12 L.6m	CM116189	0.11	0.53	0.16	0.025	0.029	0.197	0.010	0.13	0.46	0.035	0.002	0.288	282	421	39.1					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 29.11.2017

Stuart Thomas

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 220 x 10 mm Size: 6,400 Colour: WHITE

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB POYNTON
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550092989
Order number :15684322
Your order :C101657

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL250X10 L.6m	CM114360	0.10	0.54	0.16	0.026	0.026	0.157	0.010	0.15	0.48	0.021	0.002	0.267	310	457	37.1					
S275 JR+AR FL250X10 L.6m	CM114360	0.10	0.54	0.16	0.026	0.026	0.157	0.010	0.15	0.48	0.021	0.002	0.267	319	452	38.5					
S275 JR+AR FL250X10 L.6m	CM114360	0.10	0.54	0.16	0.026	0.026	0.157	0.010	0.15	0.48	0.021	0.002	0.267	323	467	37.3					
S275 JR+AR FL250X10 L.6m	CM114360	0.10	0.54	0.16	0.026	0.026	0.157	0.010	0.15	0.48	0.021	0.002	0.267	308	453	37.2					
S275 JR+AR FL250X12 L.6m	CM116088	0.12	0.55	0.16	0.028	0.027	0.167	0.010	0.14	0.47	0.021	0.002	0.293	327	476	35.3					
S275 JR+AR FL250X12 L.6m	CM116088	0.12	0.55	0.16	0.028	0.027	0.167	0.010	0.14	0.47	0.021	0.002	0.293	318	464	36.9					
S275 JR+AR FL250X12 L.6m	CM116088	0.12	0.55	0.16	0.028	0.027	0.167	0.010	0.14	0.47	0.021	0.002	0.293	326	472	37.7					
S275 JR+AR FL250X12 L.6m	CM116088	0.12	0.55	0.16	0.028	0.027	0.167	0.010	0.14	0.47	0.021	0.002	0.293	337	481	36.8					
S275 JR+AR FL250X15 L.6m	CM116080	0.11	0.52	0.14	0.031	0.018	0.134	0.010	0.14	0.44	0.020	0.002	0.262	305	444	35.1					
S275 JR+AR FL250X15 L.6m	CM116080	0.11	0.52	0.14	0.031	0.018	0.134	0.010	0.14	0.44	0.020	0.002	0.262	296	443	34.7					
S275 JR+AR FL250X15 L.6m	CM116080	0.11	0.52	0.14	0.031	0.018	0.134	0.010	0.14	0.44	0.020	0.002	0.262	307	450	35.8					
S275 JR+AR FL250X15 L.6m	CM116080	0.11	0.52	0.14	0.031	0.018	0.134	0.010	0.14	0.44	0.020	0.002	0.262	312	454	33.9					
S275 JR+AR FL250X15 L.6m	CM116081	0.11	0.54	0.15	0.026	0.019	0.140	0.010	0.14	0.45	0.019	0.002	0.269	321	463	35.9					
S275 JR+AR FL250X15 L.6m	CM116081	0.11	0.54	0.15	0.026	0.019	0.140	0.010	0.14	0.45	0.019	0.002	0.269	315	461	35.0					
S275 JR+AR FL250X20 L.6m	CM116086	0.15	0.55	0.15	0.028	0.034	0.192	0.012	0.16	0.49	0.026	0.003	0.331	335	481	32.3					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 04.11.2017

Stuart Thomas
Quality Manager

Hall & Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 250 x 10 mm Size: 6.400 Colour: ORANGE

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CARES QUALITY SYSTEMS ISO 9001 2008

UKAS 1100

INSPECTION CERTIFICATE
BS-EN 10204-2004, Type 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB POYNTON
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number: 2550036149
Order number :15668047
Your order :C96394

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
S275 JR+AR FL180X12 L.6m	CM107587	0.09	0.55	0.15	0.034	0.017	0.093	0.010	0.13	0.38	0.020	0.000	0.241	299	427	36.0					

The materials has been evaluated and radiation is within national limits

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 20.07.2016

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 180 x 12 mm Size: 6.400 Colour: GREEN

_SA STEEL UK
FICES: Build. 58, Castle Works, East Moors Road
24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

andard
-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number: 2550115456
Order number : 15690852
Your order : C103763

ATERIAL t rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
275 JR+AR FL130X15 L.6m	CM118592	0.11	0.56	0.16	0.024	0.017	0.102	0.011	0.11	0.38	0.016	0.002	0.257	312	443	34.5					
275 JR+AR FL130X15 L.6m	CM118592	0.11	0.56	0.16	0.024	0.017	0.102	0.011	0.11	0.38	0.016	0.002	0.257	319	448	34.5					
275 JR+AR FL150X20 L.6m	CM119816	0.09	0.53	0.15	0.025	0.021	0.115	0.012	0.12	0.46	0.015	0.001	0.246	282	472	38.2					
275 JR+AR FL150X20 L.6m	CM119816	0.09	0.53	0.15	0.025	0.021	0.115	0.012	0.12	0.46	0.015	0.001	0.246	299	445	37.3					
275 JR+AR FL150X20 L.6m	CM119816	0.09	0.53	0.15	0.025	0.021	0.115	0.012	0.12	0.46	0.015	0.001	0.246	297	445	37.9					
275 JR+AR FL180X15 L.6m	CM119625	0.09	0.47	0.14	0.035	0.026	0.095	0.011	0.12	0.41	0.017	0.001	0.224	284	426	35.9					
275 JR+AR FL200X6 L.6m	CM119614	0.09	0.54	0.14	0.024	0.025	0.119	0.010	0.15	0.35	0.017	0.001	0.243	318	449	36.9					
275 JR+AR FL200X6 L.6m	CM119614	0.09	0.54	0.14	0.024	0.025	0.119	0.010	0.15	0.35	0.017	0.001	0.243	318	450	43.6					
275 JR+AR FL200X6 L.6m	CM119614	0.09	0.54	0.14	0.024	0.025	0.119	0.010	0.15	0.35	0.017	0.001	0.243	321	446	43.5					
275 JR+AR FL80X12 L.6m	CM118966	0.09	0.53	0.14	0.023	0.013	0.111	0.012	0.14	0.45	0.019	0.001	0.247	319	459	39.3					
275 JR+AR FL80X12 L.6m	CM118966	0.09	0.53	0.14	0.023	0.013	0.111	0.012	0.14	0.45	0.019	0.001	0.247	276	471	39.5					
275 JR+AR FL80X12 L.6m	CM118966	0.09	0.53	0.14	0.023	0.013	0.111	0.012	0.14	0.45	0.019	0.001	0.247	305	457	39.3					

he materials has been evaluated and radiation is within national limits
roduct suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

eel making process -
ectric arc

Certified that the material detailed hereon meets the
requirements of the specified standard.
Cardiff, 04.06.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a
true copy of the manufacturers
test certificate held in our
possession

PAGE: 1 - 1

ustomer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
roduct: Flats 180 x 15 mm Size: 6.400 Colour: GOLD

SA STEEL UK
ICES: Build. 58, Castle Works, East Moors Road
4 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

andard
-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number: 2550125891
Order number : 15693874
Your order : C104747

ATERIAL n rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
275 JR+AR FL200X15 L.6m	CM121451	0.10	0.51	0.15	0.032	0.028	0.157	0.012	0.15	0.48	0.023	0.002	0.260	300	454	44.7					
275 JR+AR FL200X15 L.6m	CM121451	0.10	0.51	0.15	0.032	0.028	0.157	0.012	0.15	0.48	0.023	0.002	0.260	301	452	44.3					
275 JR+AR FL200X15 L.6m	CM121451	0.10	0.51	0.15	0.032	0.028	0.157	0.012	0.15	0.48	0.023	0.002	0.260	308	451	43.9					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	297	455	43.3					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	299	447	43.3					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	299	447	43.3					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	299	447	43.3					

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

teel making process -
lectric arc

Certified that the material detailed hereon meets the requirements of the specified standard.

Cardiff, 17.08.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

PAGE: 1 - 1

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 200 x 15 mm Size: 6,400 Colour: YELLOW

SA STEEL UK
ICES: Build. 68, Castle Works, East Moors Road
4 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

andard
-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550125891
Order number :15693874
Your order :C104747

ATERIAL t rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg. J
275 JR+AR FL200X15 L.6m	CM121451	0.10	0.51	0.15	0.032	0.028	0.157	0.012	0.15	0.48	0.023	0.002	0.260	300	454	44.7					
275 JR+AR FL200X15 L.6m	CM121451	0.10	0.51	0.15	0.032	0.028	0.157	0.012	0.15	0.48	0.023	0.002	0.260	301	452	44.3					
275 JR+AR FL200X15 L.6m	CM121451	0.10	0.51	0.15	0.032	0.028	0.157	0.012	0.15	0.48	0.023	0.002	0.260	308	451	43.9					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	297	455	43.3					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	297	455	43.3					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	299	447	43.3					
275 JR+AR FL200X15 L.6m	CM121452	0.09	0.55	0.16	0.035	0.026	0.129	0.010	0.14	0.46	0.020	0.002	0.256	299	447	43.3					

The materials has been evaluated and radiation is within national limits

Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

teel making process -
lectric arc

Certified that the material detailed hereon meets the requirements of the specified standard.

Cardiff, 17.08.2018

Stuart Thomas

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

PAGE: 1 - 1

Customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: WSL10015
Product: Flats 200 x 15 mm Size: 6,400 Colour: YELLOW

'customer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: MSL10015
'product: Flats 200 x 20 mm size: 6,400 Colour: WHITE

CELSA STEEL UK
OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP

CELSA MANUFACTURING UK

CE
LRV ID N: 0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550125889
Order number :15693874
Your order :C104747

MATERIAL Hot rolled structural steel products	CAST	C %	MN %	SI %	S %	P %	Cr %	N %	Ni %	Cu %	Mo %	V %	CE %	Reh MPA	Rm MPA	A 5.65 %	T °C	Impact 1 J	Impact 2 J	Impact 3 J	Impact Avg J
S275 JR+AR FL200X12 L.6m	CM121458	0.10	0.54	0.16	0.018	0.028	0.136	0.011	0.13	0.48	0.020	0.002	0.257	323	449	38.4					
S275 JR+AR FL200X12 L.6m	CM121458	0.10	0.54	0.16	0.018	0.028	0.136	0.011	0.13	0.48	0.020	0.002	0.257	322	459	38.3					
S275 JR+AR FL200X12 L.6m	CM121458	0.10	0.54	0.16	0.018	0.028	0.136	0.011	0.13	0.48	0.020	0.002	0.257	326	458	37.5					
S275 JR+AR FL200X20 L.6m	CM121439	0.15	0.55	0.16	0.012	0.025	0.106	0.011	0.12	0.48	0.018	0.002	0.310	321	490	39.4					
S275 JR+AR FL200X20 L.6m	CM121439	0.15	0.55	0.16	0.012	0.025	0.106	0.011	0.12	0.48	0.018	0.002	0.310	311	484	40.8					
S275 JR+AR FL200X20 L.6m	CM121439	0.15	0.55	0.16	0.012	0.025	0.106	0.011	0.12	0.48	0.018	0.002	0.310	296	449	40.8					
S275 JR+AR FL200X20 L.6m	CM121439	0.15	0.55	0.16	0.012	0.025	0.106	0.011	0.12	0.48	0.018	0.002	0.310	323	485	43.0					
S275 JR+AR FL250X15 L.6m	CM121165	0.10	0.54	0.15	0.024	0.024	0.124	0.011	0.13	0.48	0.018	0.001	0.261	298	436	41.9					
S275 JR+AR FL250X15 L.6m	CM121165	0.10	0.54	0.15	0.024	0.024	0.124	0.011	0.13	0.48	0.018	0.001	0.261	299	443	42.6					
S275 JR+AR FL250X15 L.6m	CM121165	0.10	0.54	0.15	0.024	0.024	0.124	0.011	0.13	0.48	0.018	0.001	0.261	305	444	43.1					
S275 JR+AR FL250X15 L.6m	CM121165	0.10	0.54	0.15	0.024	0.024	0.124	0.011	0.13	0.48	0.018	0.001	0.261	298	446	42.6					
S275 JR+AR FL250X25 L.6m	CM119327	0.14	0.54	0.16	0.027	0.025	0.112	0.000	0.14	0.50	0.020	0.002	0.303	303	469	31.0					
S275 JR+AR FL250X25 L.6m	CM119327	0.14	0.54	0.16	0.027	0.025	0.112	0.000	0.14	0.50	0.020	0.002	0.303	286	469	32.0					
S275 JR+AR FL250X25 L.6m	CM119327	0.14	0.54	0.16	0.027	0.025	0.112	0.000	0.14	0.50	0.020	0.002	0.303	293	470	31.3					
S275 JR+AR FL250X25 L.6m	CM119327	0.14	0.54	0.16	0.027	0.025	0.112	0.000	0.14	0.50	0.020	0.002	0.303	289	459	31.8					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 16.08.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

20021A

OFFICES: Build. 58, Castle Works, East Moors Road
CF24 5NN Cardiff (United Kingdom)

CELSA GROUP CELSA MANUFACTURING UK

CE
LRV ID N:0038
06
Cert No: 0038/CPR/LRQ4002811/1
DOP: CELSAUK001 EN10025
Hot rolled structural steel products

INSPECTION CERTIFICATE
BS-EN 10204-2004, TYPE 3.1

Standard
BS-EN 10025-2004

Customer:
HALL & PICKLES 1812 LIMITED
POYNTON IND EST, LONDON ROAD,
SK12 1NB STOCKPORT CHESHIRE
United Kingdom

Destination:
HALL & PICKLES 1812 LIMITED
CROSSKEYS DIV. , BLACKVEIN IND EST
NP11 7PX WATTSVILLE, CROSSKEYS
United Kingdom

Delivery number:2550121854
Order number :15692808
Your order :C104354

MATERIAL	CAST	C	MN	SI	S	P	Cr	N	Ni	Cu	Mo	V	CE	Reh	Rm	A 5.65	T	Impact 1	Impact 2	Impact 3	Impact
Hot rolled structural steel products		%	%	%	%	%	%	%	%	%	%	%	%	MPA	MPA	%	°C	J	J	J	J
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	331	471	37.7					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	330	468	37.7					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	343	469	37.7					
S275 JR+AR FL150X8 L.6m	CM119849	0.10	0.55	0.15	0.018	0.024	0.136	0.010	0.14	0.48	0.019	0.001	0.261	332	468	37.7					
S275 JR+AR FL250X12 L.6m	CM119148	0.09	0.53	0.14	0.021	0.027	0.127	0.011	0.13	0.50	0.018	0.001	0.251	316	454	36.6					
S275 JR+AR FL250X12 L.6m	CM119148	0.09	0.53	0.14	0.021	0.027	0.127	0.011	0.13	0.50	0.018	0.001	0.251	302	448	36.7					
S275 JR+AR FL250X12 L.6m	CM119148	0.09	0.53	0.14	0.021	0.027	0.127	0.011	0.13	0.50	0.018	0.001	0.251	304	449	36.9					
S275 JR+AR FL250X20 L.6m	CM119333	0.14	0.55	0.17	0.029	0.024	0.112	0.010	0.13	0.53	0.020	0.002	0.301	302	468	33.1					
S275 JR+AR FL250X20 L.6m	CM119333	0.14	0.55	0.17	0.029	0.024	0.112	0.010	0.13	0.53	0.020	0.002	0.301	299	471	33.0					
S275 JR+AR FL250X20 L.6m	CM119333	0.14	0.55	0.17	0.029	0.024	0.112	0.010	0.13	0.53	0.020	0.002	0.301	308	478	33.5					
S275 JR+AR FL50X20 L.6m	CM120942	0.10	0.53	0.15	0.022	0.031	0.127	0.011	0.14	0.50	0.020	0.002	0.265	316	450	38.7					
S275 JR+AR FL50X20 L.6m	CM120942	0.10	0.53	0.15	0.022	0.031	0.127	0.011	0.14	0.50	0.020	0.002	0.265	319	452	38.8					
S275 JR+AR FL60X10 L.6m	CM120803	0.09	0.56	0.15	0.021	0.024	0.139	0.010	0.13	0.50	0.015	0.001	0.255	320	452	43.7					
S275 JR+AR FL60X10 L.6m	CM120803	0.09	0.56	0.15	0.021	0.024	0.139	0.010	0.13	0.50	0.015	0.001	0.255	320	452	43.6					
S275 JR+AR FL60X10 L.6m	CM120803	0.09	0.56	0.15	0.021	0.024	0.139	0.010	0.13	0.50	0.015	0.001	0.255	319	454	43.7					

The materials has been evaluated and radiation is within national limits
Product suitable for galvanizing: 0.14<=Si<=0.25 & P<=0.035.

Steel making process -
Electric arc

Certified that the material detailed hereon meets the requirements of the specified standard.
Cardiff, 25.07.2018

Stuart Thomas
Quality Manager

Hall and Pickles
We certify that this is a true copy of the manufacturers test certificate held in our possession

'ustomer: WELDRITE STRUCTURES LIMITED S/O No.: 712307 Cust Ref: MSL10015
'roduct: Flats 250 x 20 mm Size: 6,400 Colour: GREY