ArcelorMittal

Heavy plates

Product catalogue 2026

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Credits

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Product catalogue

ArcelorMittal is a leading supplier of high-quality heavy plates, engineered to meet the most demanding structural and industrial applications worldwide.

Plates are produced in Gijon, Spain, and ensure exceptional strength, durability, and sustainability. From energy to shipbuilding or civil engineering projects, ArcelorMittal heavy plates deliver reliability you can build on.

Production range

- Thickness range: 6 mm to 150 mm
- Width: from 1500 mm up to 3300 mm
- Length: from 4 m up to 25 m
- Plate weight up to 17.6 tonnes
- Slabs up to 365 mm thickness with Dynamic Soft Reduction
- Shotblasting and painting facilities
- Cutting and bevelling possibilities

Market segments

Wind energy, shipbuilding, civil engineering, pressure vessels, oil and gas, ...

XCarb® low carbon-emissions steel

XCarb® is a trademark registered by ArcelorMittal that represents the clear path taken by the company towards the decarbonisation of the steel production process and the ambitious goal of becoming net-zero by 2050.

XCarb® will ultimately bring together all of ArcelorMittal's reduced, low and zero-carbon products and steelmaking activities, as well as wider initiatives and green innovation projects, into a single effort focused on achieving demonstrable progress towards net zero steel.

Our heavy plate can be supplied as XCarb® recycled and renewably. The steel is produced from slabs made in an electric arc furnace (EAF) using a minimum of 95-percent scrap and 100-percent renewable electricity. This results in heavy plate with a carbon footprint more than 70-percent lower than the same product made via the conventional steelmaking route. Heavy plates in XCarb® recycled and renewably produced are available in a wide range of dimensions and up to 17.6 tonnes.

Alternatively, our heavy plate can be supplied with XCarb® steel certificates. Like XCarb® recycled and renewably produced steels, the certificates enable customers to reduce their Scope 3 (supply chain) emissions. The CO_2 savings, and corresponding volume of XCarb® steel certificates, are validated by DNV, an independent expert in verification and assurance. The certificates comply with the Greenhouse Gas Reporting protocol and can be redeemed by ArcelorMittal's direct customer, or the end customer for the product.

Environmental Product Declarations (EPD), in accordance with EN15804 standard, are available for heavy plates produced both via the conventional blast furnace route and via the XCarb® recycled and renewably produced route.

Scan to access our Environmental Product Declarations (EPDs).

XCarb®
Towards net zero steel

General remarks

Ultrasonic inspection	according to EN 10160, ASTM A578, ASTM A435 (others on consultation)
Dimension tolerances	according to EN 10029, ASTM A6, ASTM A20, Naval, IACS W13 (other tolerances on consultation)
Flatness tolerance	according to EN 10029, ASTM A6, ASTM A20 (Class S available: on consultation)
Additional properties	galvanising capability
Marking	by painting and by hard stamping (soft nose, head, foot or head and foot)
Certificates	3.1 / 3.2 Naval (BV, LR, DNV, ABS, RINA, NKK) / 3.2 Industrial (BV, DNV, ABS, LRQA) according to EN 10204. Certification of multiple grades is available.
Additional properties (approval needed by the mill)	CEV, Charpy temperature and energy, Z-Test, hot tensile test, hardness, PWHT, weld bend test, bending test, product analysis, grain size
Surface treatment	shot blasting and painting facilities

Dimensions/weight table

Specific rules depending on delivery status

Normalised plates	For thickness < 15 mm: max width 3100 mm For thickness ≥ 15 mm and ≤ 80 mm: max width 3200 mm For thickness > 80 mm: - For length < 5000 mm, max weight/plate 10.5 t - For length ≥ 5000 mm, max weight/plate 14 t - Max. width 2980 mm - Max. length 9980 mm
Shotblasting & painting	Max. weight 16 t Max. length 22000 mm For thickness > 80 mm: on consultation

Mill certifications

ArcelorMittal España,S.A.,
Residencia la Granda
33418 Gozón (Asturias - España)
07
0099/CPD/A81/0017
EN 10025-1
Productos de acero estructural laminados en caliente / Hot rolled products of structural steels.

Dimensional table

Thickness (mm)	**Width** (mm) Max weight = 17.6 Tn																		
	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300
6	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*			
7	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*	25*
8	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
9	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
10	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
11	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
12	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
13	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
14	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**	25**
15	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
16	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
18	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
21	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
22	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
23	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
27	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
28	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	24.26
29	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	24.94	24.16	23.43
30	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	24.11	23.35	22.65
31	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	23.33	22.60	21.92
32	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	22.60	21.89	21.23
33	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	21.92	21.23	20.59
34	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	21.27	20.61	19.98
35	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	20.66	20.02	19.41
36	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	20.09	19.46	18.87
37	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	19.55	18.94	18.36
38	25	25	25	25	25	25	25	25	25	24.58	23.6	22.69	21.85	21.07	20.34	19.67	19.03	18.44	17.88
39	25	25	25	25	25	25	25	25	25	23.95	22.99	22.11	21.29	20.53	19.82	19.16	18.54	17.97	17.42
40	25	25	25	25	25	25	25	25	25	23.35	22.4	21.56	20.76	20.02	19.33	18.68	18.08	17.52	16.99
41	25	25	25	25	25	25	25	25	25	22.78	21.87	21.03	20.25	19.53	18.86	18.23	17.64	17.09	16.57
42	25	25	25	25	25	25	25	25	25	22.24	21.35	20.53	19.77	19.06	18.41	17.79	17.22	16.68	16.18
43	25	24.40	25	24.60	25	24.70	24.83	23.70	22.67	21.73	20.86	20.05	19.31	18.62	17.98	17.38	16.82	16.29	15.80

Length (m)

** Length >17 m on consultation*
*** Length >20 m on consultation*

Thickness (mm)	**Width** (mm) Max weight = 17.6 Tn																		
	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300
44	25	23.90	25	24.10	25	24.10	24.26	23.16	22.15	21.23	20.38	19.60	18.87	18.20	17.57	16.99	16.44	15.92	15.44
45	24.80	23.30	24.80	23.50	24.80	23.60	23.73	22.65	21.66	20.76	19.93	19.16	18.45	17.79	17.18	16.61	16.07	15.57	15.10
46	24.10	22.80	24.20	23.00	24.20	23.10	23.21	22.15	21.19	20.31	19.50	18.75	18.05	17.41	16.81	16.25	15.72	15.23	14.77
47	23.60	22.30	23.70	22.50	23.70	22.60	22.72	21.68	20.74	19.88	19.08	18.35	17.67	17.04	16.45	15.90	15.39	14.91	14.46
48	23.20	21.80	23.20	22.00	23.20	22.10	22.24	21.23	20.31	19.46	18.68	17.97	17.30	16.68	16.11	15.57	15.07	14.60	14.15
49	22.70	21.30	22.70	21.50	22.80	21.60	21.79	20.80	19.89	19.06	18.30	17.60	16.95	16.34	15.78	15.25	14.76	14.30	13.87
50	22.20	20.90	22.30	21.10	22.20	21.20	21.35	20.38	19.50	18.68	17.94	17.25	16.61	16.01	15.46	14.95	14.46	14.01	13.59
51	21.80	20.50	21.70	20.60	21.80	20.70	20.93	19.98	19.11	18.32	17.58	16.91	16.28	15.70	15.16	14.65	14.18	13.74	13.32
52	21.30	20.10	21.40	20.30	21.40	20.30	20.53	19.60	18.75	17.97	17.25	16.58	15.97	15.40	14.87	14.37	13.91	13.47	13.07
53	20.90	19.80	21.00	20.00	20.90	20.00	20.14	19.23	18.39	17.63	16.92	16.27	15.67	15.11	14.59	14.10	13.65	13.22	12.82
54	20.50	19.40	20.60	19.60	20.50	19.70	19.77	18.87	18.05	17.30	16.61	15.97	15.38	14.83	14.32	13.84	13.39	12.97	12.58
55	20.10	19.00	20.20	19.30	20.10	19.30	19.41	18.53	17.72	16.99	16.31	15.68	15.10	14.56	14.06	13.59	13.15	12.74	12.35
56	19.70	18.70	19.80	18.90	19.80	19.00	19.06	18.20	17.41	16.68	16.01	15.40	14.83	14.30	13.81	13.35	12.91	12.51	12.13
57	19.40	18.40	19.50	18.50	19.50	18.60	18.73	17.88	17.10	16.39	15.73	15.13	14.57	14.05	13.56	13.11	12.69	12.29	11.92
58	19.00	18.00	19.10	18.20	19.10	18.30	18.41	17.57	16.81	16.11	15.46	14.87	14.32	13.81	13.33	12.89	12.47	12.08	11.71
59	18.70	17.70	18.80	17.90	18.80	18.00	18.10	17.27	16.52	15.83	15.20	14.62	14.07	13.57	13.10	12.67	12.26	11.88	11.52
60	18.40	17.40	18.40	17.60	18.40	17.70	17.79	16.99	16.25	15.57	14.95	14.37	13.84	13.35	12.89	12.46	12.05	11.68	11.32
61	18.10	17.10	18.10	17.20	18.10	17.30	17.50	16.71	15.98	15.31	14.70	14.14	13.61	13.13	12.67	12.25	11.86	11.49	11.14
62	17.80	16.80	17.80	16.90	17.80	17.00	17.22	16.44	15.72	15.07	14.46	13.91	13.39	12.91	12.47	12.05	11.67	11.30	10.96
63	17.50	16.50	17.50	16.60	17.50	16.70	16.95	16.18	15.47	14.83	14.24	13.69	13.18	12.71	12.27	11.86	11.48	11.12	10.78
64	17.20	16.20	17.20	16.30	17.20	16.50	16.68	15.92	15.23	14.60	14.01	13.47	12.97	12.51	12.08	11.68	11.30	10.95	10.62
65	16.90	16.00	16.90	16.10	16.90	16.20	16.43	15.68	15.00	14.37	13.80	13.27	12.78	12.32	11.89	11.50	11.13	10.78	10.45
66	16.60	15.80	16.60	15.90	16.60	16.00	16.18	15.44	14.77	14.15	13.59	13.07	12.58	12.13	11.71	11.32	10.96	10.62	10.29
67	16.40	15.60	16.40	15.70	16.30	15.80	15.93	15.21	14.55	13.94	13.39	12.87	12.39	11.95	11.54	11.15	10.79	10.46	10.14
68	16.10	15.30	16.10	15.40	16.10	15.50	15.70	14.99	14.34	13.74	13.19	12.68	12.21	11.78	11.37	10.99	10.64	10.30	9.99
69	15.90	15.10	16.00	15.20	16.00	15.30	15.47	14.77	14.13	13.54	13.00	12.50	12.03	11.60	11.20	10.83	10.48	10.15	9.85
70	15.70	14.90	15.80	15.00	15.80	15.10	15.25	14.56	13.93	13.35	12.81	12.32	11.86	11.44	11.04	10.68	10.33	10.01	9.71
71	15.50	14.60	15.50	14.80	15.50	14.80	15.04	14.35	13.73	13.16	12.63	12.15	11.70	11.28	10.89	10.53	10.19	9.87	9.57
72	15.30	14.40	15.30	14.50	15.30	14.60	14.83	14.15	13.54	12.97	12.46	11.98	11.53	11.12	10.74	10.38	10.04	9.73	9.44
73	15.10	14.20	15.10	14.30	15.10	14.40	14.63	13.96	13.35	12.80	12.29	11.81	11.38	10.97	10.59	10.24	9.91	9.60	9.31
74	14.90	14.00	14.90	14.10	14.90	14.20	14.43	13.77	13.17	12.62	12.12	11.65	11.22	10.82	10.45	10.10	9.77	9.47	9.18
75	14.70	13.80	14.70	13.90	14.70	14.00	14.24	13.59	13.00	12.46	11.96	11.50	11.07	10.68	10.31	9.96	9.64	9.34	9.06
76	14.50	13.60	14.50	13.70	14.50	13.80	14.05	13.41	12.83	12.29	11.80	11.35	10.93	10.54	10.17	9.83	9.52	9.22	8.94
77	14.30	13.40	14.30	13.50	14.30	13.70	13.87	13.24	12.66	12.13	11.65	11.20	10.78	10.40	10.04	9.71	9.39	9.10	8.82
78	14.10	13.30	14.10	13.30	14.10	13.50	13.69	13.07	12.50	11.98	11.50	11.06	10.65	10.27	9.91	9.58	9.27	8.98	8.71
79	13.90	13.10	13.90	13.20	13.90	13.30	13.51	12.90	12.34	11.83	11.35	10.92	10.51	10.14	9.79	9.46	9.15	8.87	8.60
80	13.70	12.90	13.70	13.00	13.70	13.10	13.35	12.74	12.18	11.68	11.21	10.78	10.38	10.01	9.66	9.34	9.04	8.76	8.49
> 80	On consultation																		

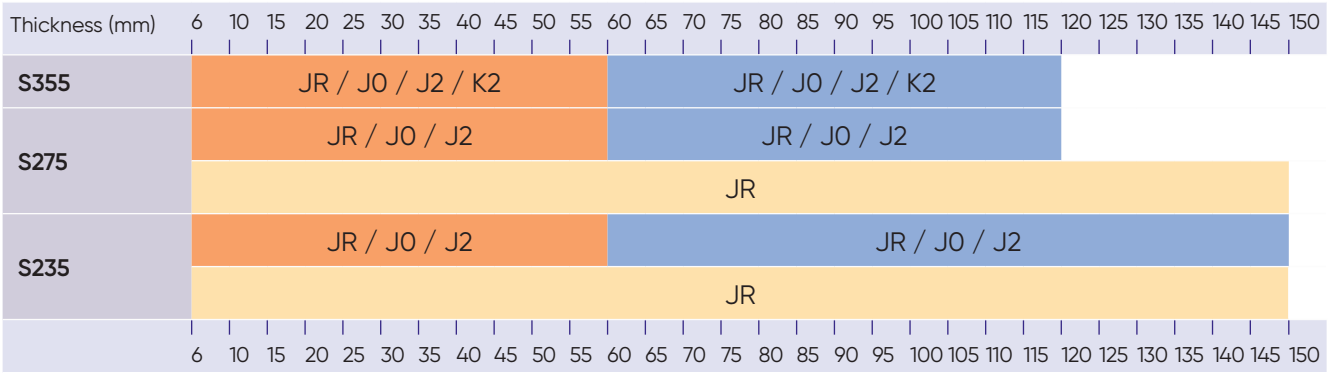
Length (m) As rolled

Maximum length = 25 m
Maximum weight/plate = 17.6 Tn

Structural steels

EN 10025-2: Structural steels for general application
EN 10025-3: Normalised rolled weldable fine grain structural steels
EN 10025-4: Thermomechanical weldable fine grain structural steels
EN 10025-5: Structural steels with improved corrosion resistance
ASTM/ASME: Structural steels for general application
CAN G40.20: Rolled or welded structural steels/Structural steels

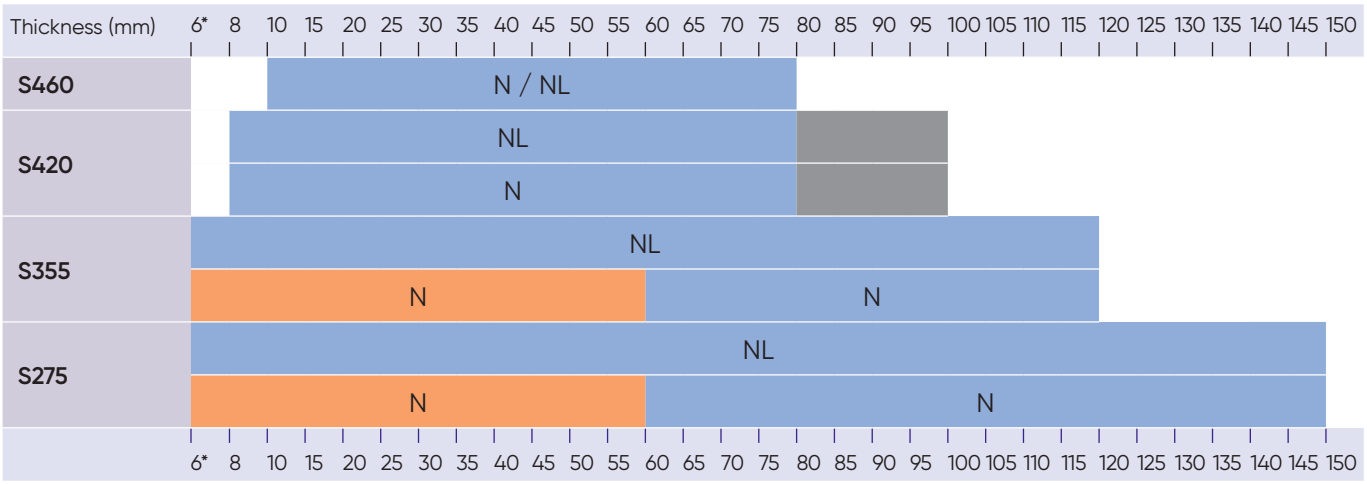
EN 10025-2: Structural steels for general application



Bending option "C" available: on consultation

AR NR N On consultation

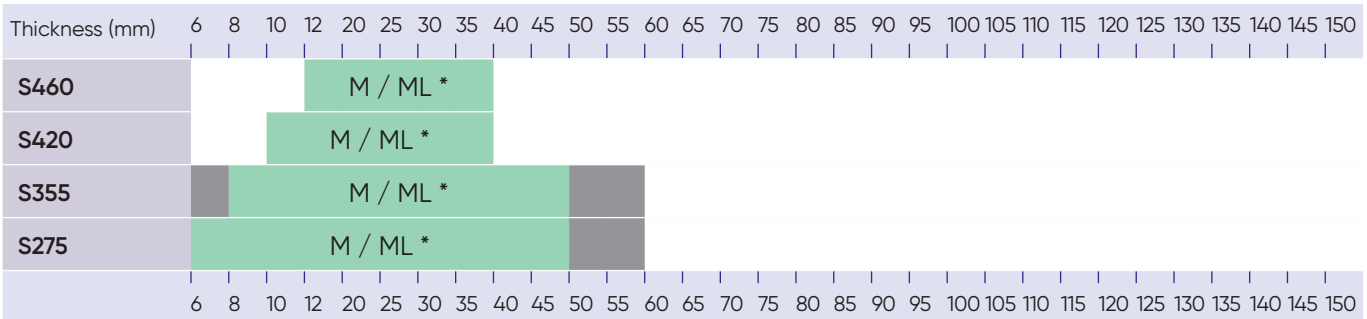
EN 10025-3: Normalised rolled weldable fine grain structural steels



** If delivery status is N, then min. thickness 7 mm*

NR N On consultation

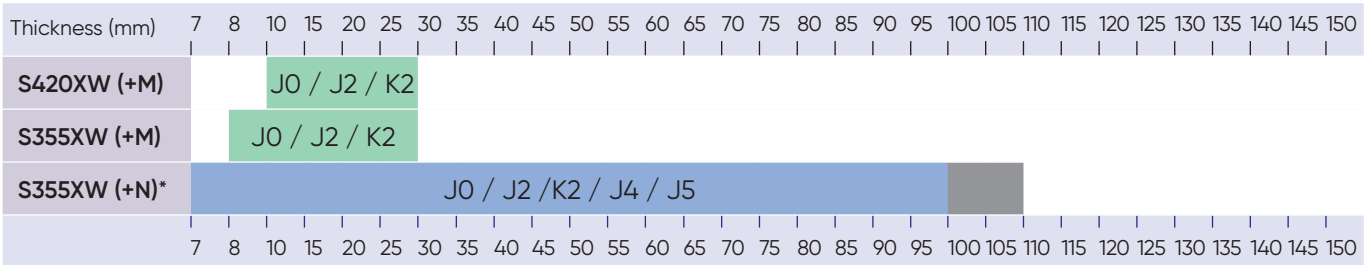
EN 10025-4: Thermomechanical weldable fine grain structural steels



** Reduced dimensions for thickness over 25 mm (on consultation)*

TM On consultation

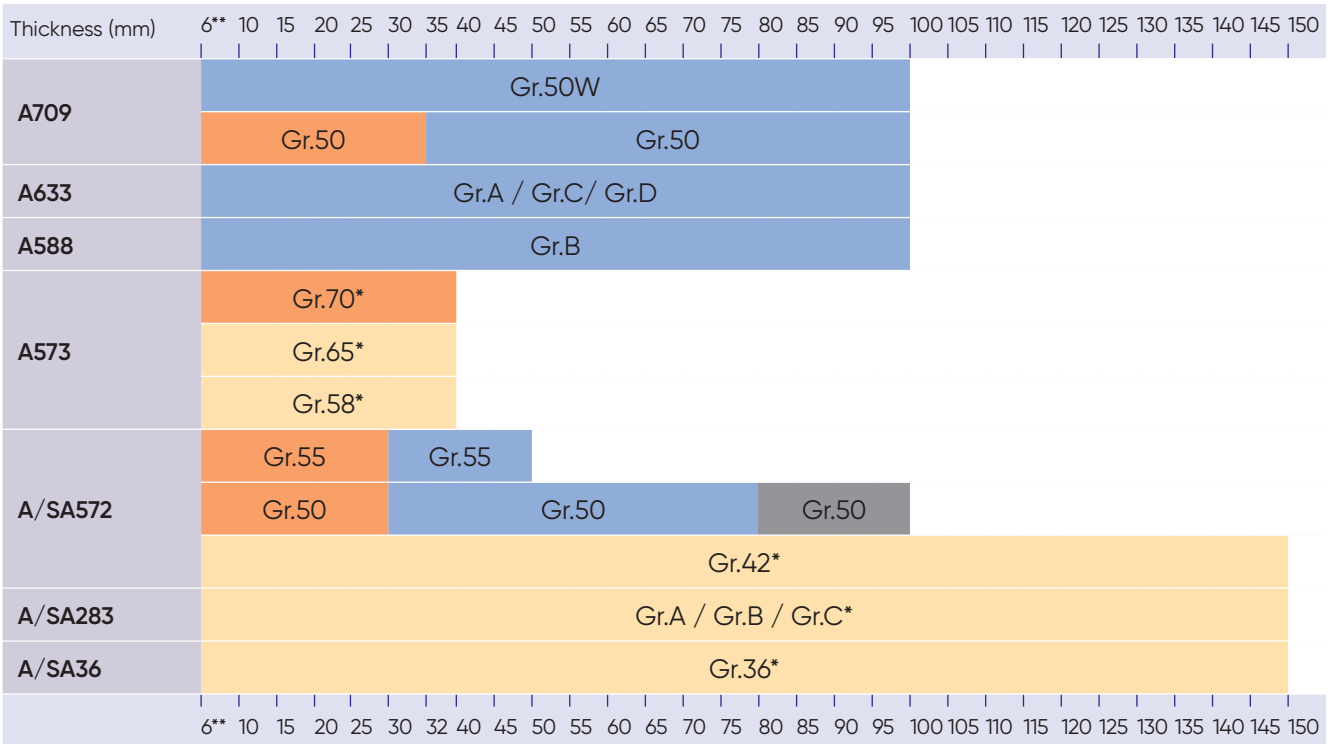
EN 10025-5: Structural steels with improved corrosion resistance



** Reduced CEV 0,48 available: on consultation*
Bending option "C" available: on consultation
Other weathering standards are available (see specific ASTM/CSA grades sheet)

N TM On consultation

ASTM / ASME: Structural steels for general application

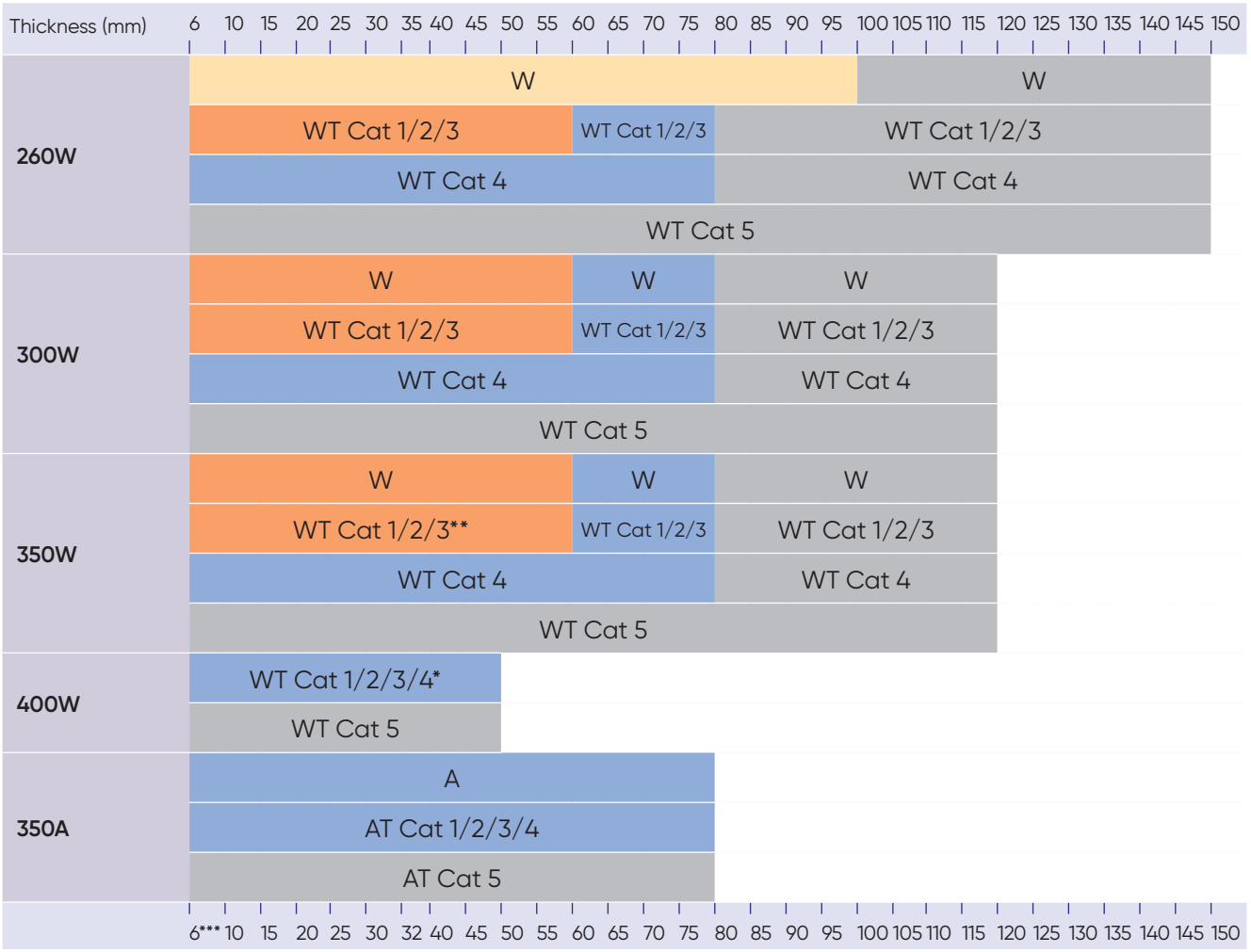


** NR or N possible as well*
*** If delivery status is N, then min. thickness 7 mm*

AR NR N TM On consultation

AR = **A**s **R**olled
NR = **N**ormalised **R**olling (state obtained without going into the normalising furnace)
N = **N**ormalised by normalising furnace
TM = **T**hermo-**M**echanical rolling

CAN G40.20: Rolled or welded structural steels/Structural steels



** NR or N possible as well*
*** Subject to agreement on alloying elements content*
**** If delivery status is N, then min. thickness 7 mm*

W - Weldable / A - Atmospheric

AR NR N TM On consultation

AR = **A**s **R**olled

NR = **N**ormalised **R**olling (state obtained without going into the normalising furnace)

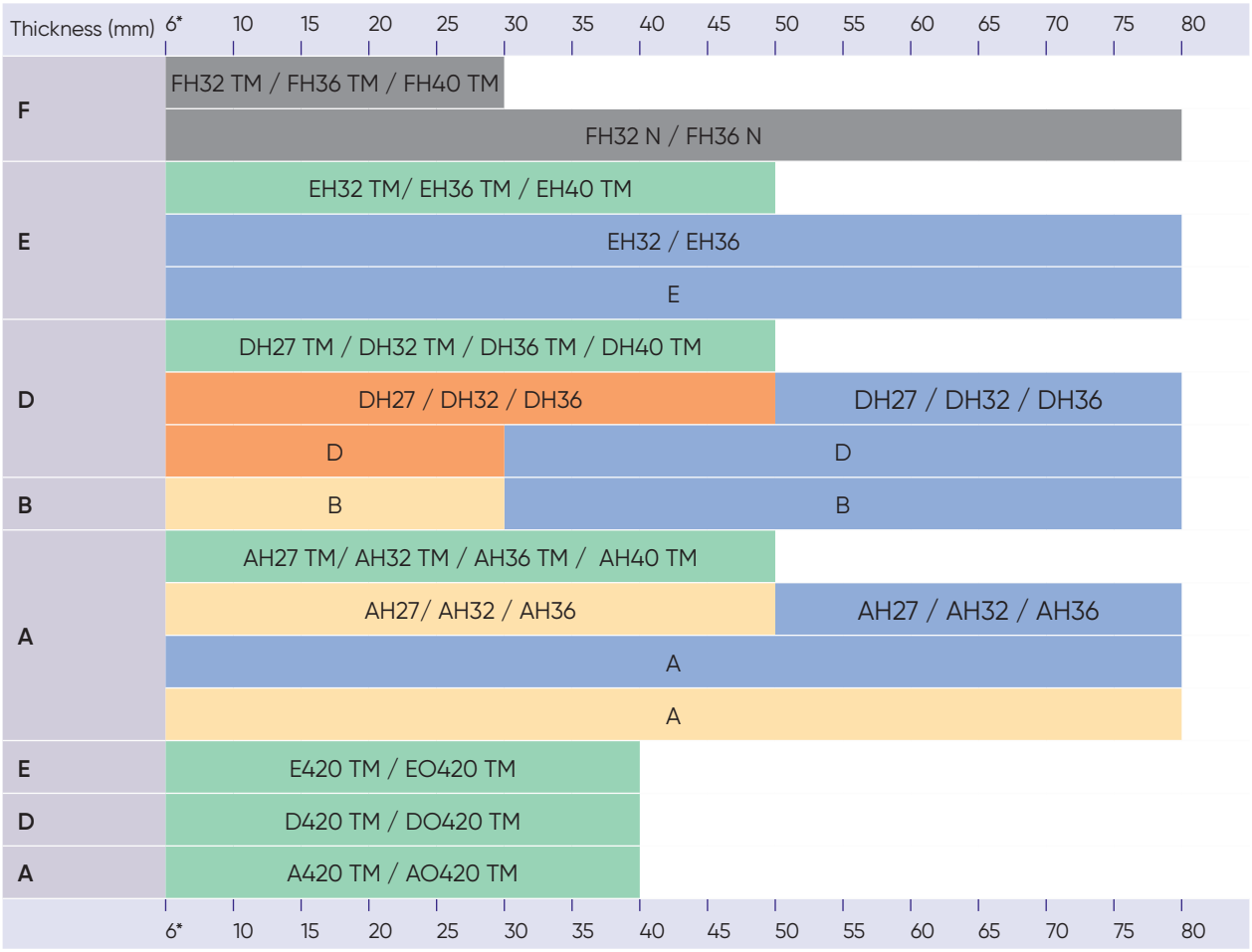
N = **N**ormalised by normalising furnace

TM = **T**hermo-**M**echanical rolling

Naval grades

Naval grades

Approvals: American Bureau Shipping, Bureau Veritas, Det Norske Veritas, Armada Española, Lloyd's Register, Nippon Kaiji Kyokai, Rina



** If delivery status is N, then min. thickness 7 mm*
W option available
Thickness above 80 mm on consultation

AR NR N TM On consultation

AR = **A**s **R**olled

NR = **N**ormalised **R**olling (state obtained without going into the normalising furnace)

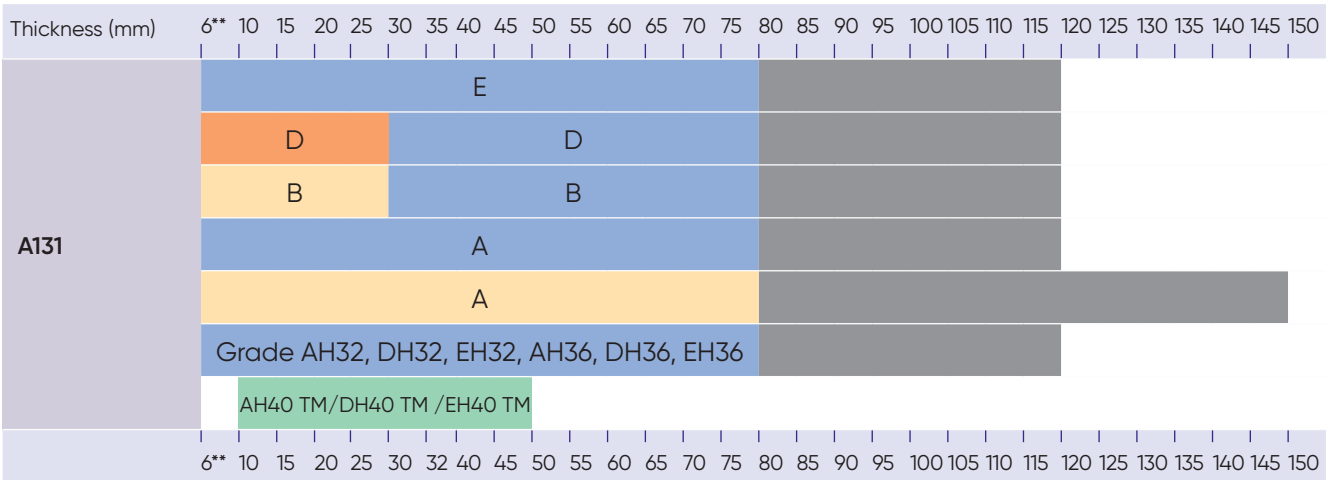
N = **N**ormalised by normalising furnace

TM = **T**hermo-**M**echanical rolling

Dimensional table naval grades

Classification Society	Normal strength (40K)				High strength (50K)					
	A	B	D	E	AH-32	DH-32	EH-32	AH-36	DH-36	EH-36
American Bureau	80	80	80	80	80	80	80	80	80	80
Bureau Veritas	80	80	80	80	80	80	80	80	80	80
Det Norske Veritas	80	80	80	80	80	80	80	80	80	80
Armada Española	80	80	80	80	80	80	80	80	80	80
Lloyd's Register	80	80	80	80	80	80	80	80	80	80
Nippon Kaiji Kyokai	50	50	50	50	50	50	50	50	50	50
Rina	50	50	50	50	50	50	50	50	50	50

ASTM A131: Structural steels for ships



** NR or N possible as well*
*** If delivery status is N, then min. thickness 7 mm*

AR NR N TM On consultation

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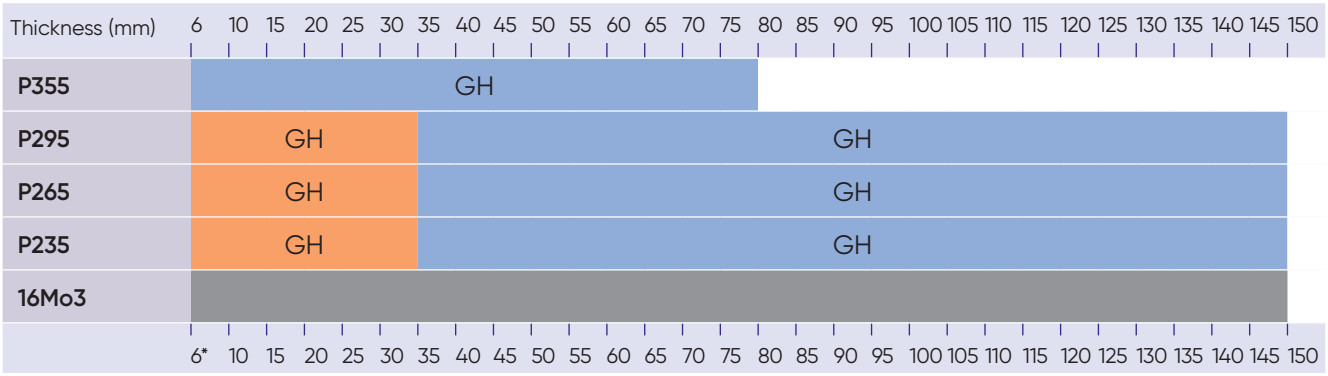
N = **N**ormalised by normalising furnace

TM = **T**hermo-**M**echanical rolling

Pressure vessels & boilers

EN 10028-2: Steels for boilers and pressure vessels
EN 10028-3: Steels for boilers and pressure vessels
ASTM/ASME: Steels for boilers and pressure vessels

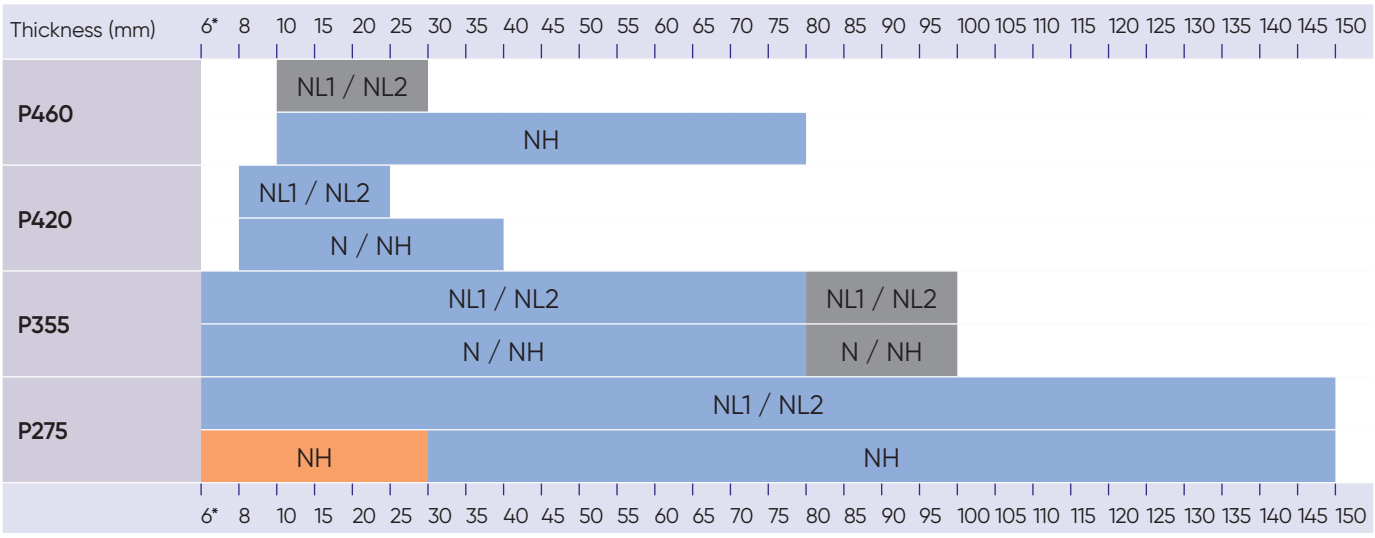
EN 10028-2: Steels for boilers and pressure vessels



** If delivery status is N, then min. thickness 7 mm*

NR N On consultation

EN 10028-3: Steels for boilers and pressure vessels



** If delivery status is N, then min. thickness 7 mm*

NR N On consultation

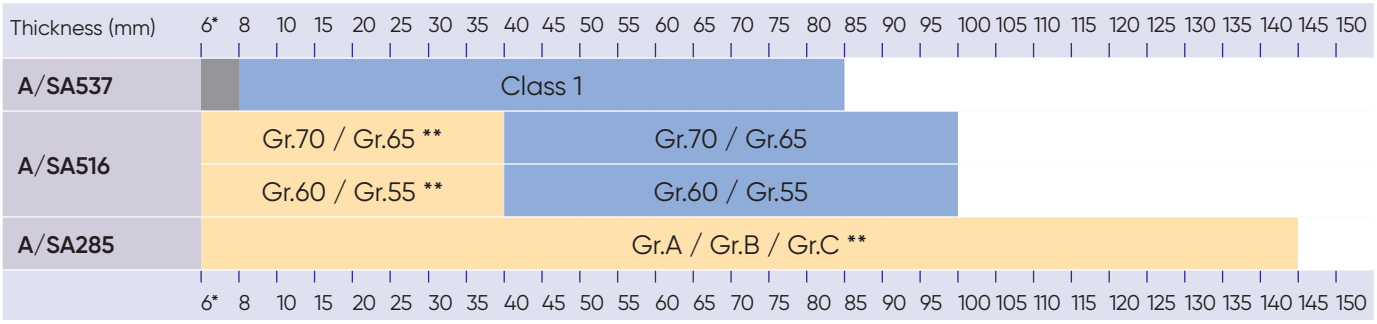
AR = **A**s **R**olled

NR = **N**ormalised **R**olling (state obtained without going into the normalising furnace)

N = **N**ormalised by normalising furnace

TM = **T**hermo-**M**echanical rolling

ASTM/ASME: Steels for boilers and pressure vessels



** If delivery status is N or in case of KCV option (S5), then min. thickness 7 mm*
*** N if KCV Requested (S5 Option)*

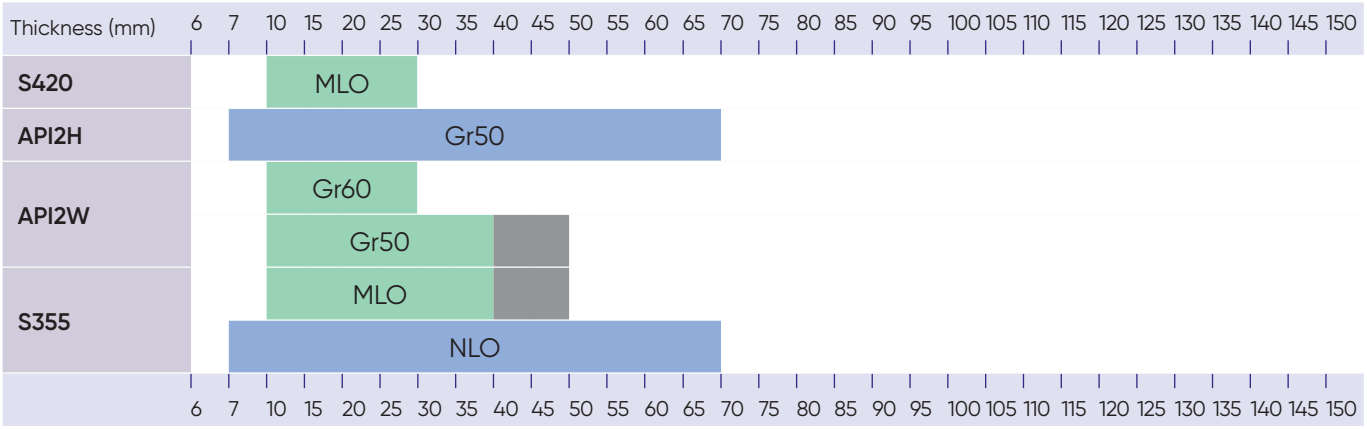
AR N On consultation

AR = **A**s **R**olled
NR = **N**ormalised **R**olling (state obtained without going into the normalising furnace)
N = **N**ormalised by normalising furnace
TM = **T**hermo-**M**echanical rolling

Others

EN 10225 / API2W / NORSOK: Weldable structural steels for fixed offshore structures
API 5L: Pipeline steels
EN 10149-2: Thermomechanical weldable fine grain structural steels

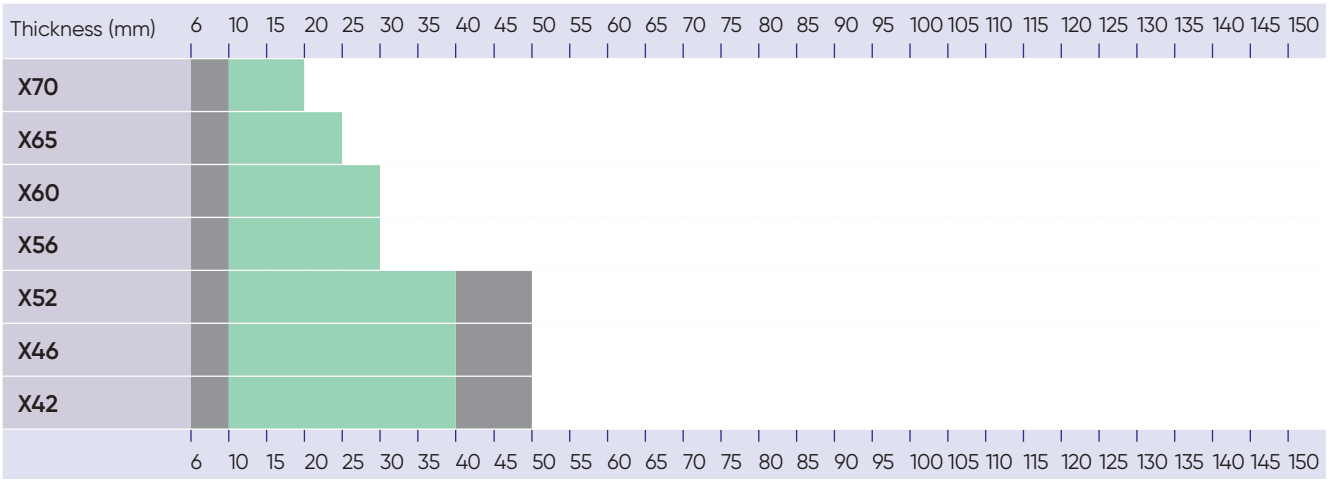
EN 10225 / API2W / NORSOK:
Weldable structural steels for fixed offshore structures



CTOD & weldability studies: on consultation
Norsok equivalents available on consultation
DNV-OS-B101 grades available on consultation

N TM On consultation

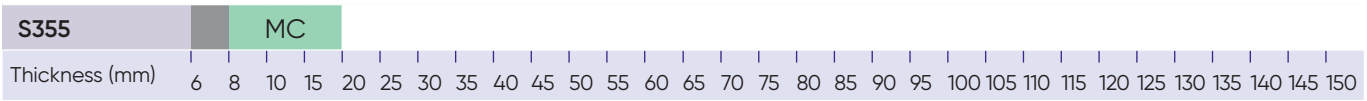
API 5L: Pipeline steels



Qualities according to the standard (any specification or additional request to be consulted)

TM On consultation

EN 10149-2: Thermomechanical weldable fine grain structural steels



Galvanising CAT B & CAT D available on consult

TM On consultation

N = **N**ormalised by normalising furnace

TM = **T**hermo-**M**echanical rolling

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HP-02/2026 – Published by ArcelorMittal Europe Communications