

STRUCTURAL PLATE

Edgen Murray is without question the market leader in offshore quality plate supply in the world. The company collectively holds the largest available stock and range of offshore quality plate in several locations around the globe.



LOCATION	SPECIFICATION	DIMENSIONAL RANGE FOR ALL SPECIFICATIONS
United Kingdom	EN 10225:2001 S355G3+N, S355G8+N, S355G10+M, S355G10+N	6mm - 100mm
	BS 4360 1986 50DD	
	EN 10025:2004 S355J2, S355K2+N	
	DNV NVE36	
Azerbaijan	BS 7191 1989 355D, 355EM	6mm - 45mm
	EN 10225:2001 S355G3+N	
United Arab Emirates	DNV NVE36	6mm - 150mm
	EN 10025:2004 S275JR, S355J2, S355K2	
	ABS EH36	
	ASME SA 516 Grade 60, Grade 65, Grade 70	
	API 2H Grade 50	
	API 2W Grade 50	
	ASTM A514 Grade F	
Singapore	EN 10225:2001 S355G8+N	6mm - 100mm
	API 2H Grade 50	
	API 2W Grade 50, Grade 60	
United States	EN 10225:2001 S355G10+M, S420G2+M	8mm - 180mm
	API 2H Grade 50, Grade 60	
	API 2W Grade 50, Grade 60	
	ASTM A 516 Grade 60, Grade 65, Grade 70	
	ABS AH36, DH36, EH36, EH40, FH40, EQ47, EQ56, FQ70	
	DNV NV D36, NV E36, NV F40, NV F500	
	ASTM A 572 Grade 50, Grade 60, Grade 65	
	ASTM A514 Grade B, Grade F, Grade H, Grade Q	
	ASTM A656 Grade 80	
	ASTM A710	
	EN 10225:2001 S355G8+N, S420, S460 G2+M, S690	
Speciality Steels AR400, AR500, Armor Plate		
Caterpillar Approved Steels		

Please note that where stock of API-2W/2H Grade 50/60 is available above 40mm thickness, the material is fully qualified to the requirements to API-RP2Z with CTOD's.

All materials available with certification to EN 10204:2004 Type 3.2.

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Plate is normally held in 6 metre, 10 metre or 12.2 metre lengths in widths of 2 metre, 2.5 metre and 3.05 metre. An infinite length and width variety together with alternate material specification options are also available through mill sources.

To calculate the weight of a reversing mill plate, the following formula should be applied:

$$\text{Length (m)} \times \text{Width (m)} \times \text{Thickness (mm)} \times .0.00785 \text{ or } 0.00800$$

The following is a selection of examples and are typical of Edgen Murray stock supply.

LENGTH (M)	WIDTH (M)	THICKNESS (MM)	WEIGHT FACTOR (KG/MM)	WEIGHT FACTOR (KG/MM)	PLATE WEIGHT (TONNES)
10.000	3.050	20	7.85		4.789
10.000	3.050	20		8.00	4.880
6.000	2.500	70	7.85		8.242
6.000	2.500	70		8.00	8.400

The use of either 7.85 or 8.00 kg per mm of thickness as the weight factor is dependent upon the mill of production and the material grade. On occasion other weight factors may be applied. This is particularly the case with respect to Alloy Products such as Stainless Steel and Nickel Alloys. Please always check with your normal point of contact.

Plates are supplied to the dimensional and flatness tolerances of the relevant product standard. Likewise material will be tested in accordance with the relevant product standard.

Modifications to such standards are possible and this should be discussed with us as necessary.

Edgen Murray also has in place with the major plate mill manufacturers a fully comprehensive list of Proprietary Specifications to facilitate ease of ordering. These specifications are based upon the principal National Standards applicable to Offshore Quality materials with appropriate and relevant modified enhancements. Copies of these Proprietary Specifications are available upon request.

For all of your requirements and further information, please speak with your usual point of contact.