

To find the approximate weight for sheet and plate

Piece weight (kg) = Length (m) x width (m) x thickness (mm) x 8

Note: Formula should not be used for design purposes.

STAINLESS STEEL SHEET, PLATE AND COIL FINISHES

Common finishes held in stock are No.1, 2B, BA and No.4. Other finishes can be sourced from overseas suppliers.

Unpolished Finishes

- No.1** Hot Rolled, annealed and pickled. Generally used where smoothness of finish is not of particular importance.
- 2D** A dull cold rolled finish obtained from a final annealing and pickling, or a final light cold roll pass on dull rollers, after sheet has been cold rolled annealed and pickled. This finish is generally used in forming deep drawn articles which may be polished after fabrication.
- 2B** A semi-bright satin finish obtained from temper rolling after the sheet has been cold rolled, annealed and pickled. This is a general purpose finish that polishes better than 2D and is commonly used except in exceptionally difficult deep drawing applications.
- BA** A slightly reflective surface obtained from bright annealing after cold rolling used for quality deep drawing such as sinks, tubs etc.

Polished Finishes

Sheets can be produced with 1 or 2 sides polished. When polished on only one side, the other side may be rough ground in order to obtain the necessary flatness.

- No.3** A polished finish obtained by mechanical polishing on 2D or 2B finish with approx. 100 grit abrasive.
- No.4** A 'Brush' finish obtained from mechanical polishing with 120 - 150 grit. A general purpose finish widely used for kitchen and dairy equipment.
- No.6** A dull satin finish which has lower reflectivity than No.4 finish. It is used for architectural applications where high lustre is undesirable; it is also used effectively to contrast with brighter finishes.
- No.7** Buff polished to a high reflection ratio. Chiefly used for architectural and ornamental purposes.
- No.8** Mirror finished for high reflection. This finish is most widely used for press plates as well as small mirrors and reflectors.
- HL** Hairline finish obtained by mechanical polishing with 120-320 grit. Used mostly for finishing on flat bar for architectural purposes.

Coil

Cold rolled to ASTM A240/480



Width mm	304 2B	404 GP	445 M2
914	0.90mm - 3.00 mm		
1219	0.55mm - 3.00mm	0.55mm - 3.00mm	0.55mm - 3.00mm