



THICKNESS & GAUGE CHART

Cold-formed steel framing reference

Specify framing by thickness, not gauge. The mil designation is the industry standard for cold-formed steel: 1 mil = 0.001 in (0.0254 mm). Gauge numbers are shown for reference only.

THICKNESS DESIGNATIONS

Mils	Min. mm	Min. in	Ref. gauge	Typical use	Availability
18	0.46	0.0179	25	Non-structural partitions, furring	On request
27	0.68	0.0269	22	Non-structural partitions	On request
30	0.75	0.0296	20 (drywall)	Non-structural, taller partitions	On request
33	0.84	0.0329	20 (structural)	Structural studs and tracks	Standard
43	1.09	0.0428	18	Structural studs, joists, trusses	Standard

Minimum delivered base-metal thickness, before coating. Structural: 0.84 and 1.09 mm. Non-structural thicknesses on request.

WEB DEPTHS

Web depth	Imperial	Typical use
92 mm	3-5/8"	Interior partitions, light walls
152 mm	6"	Exterior and load-bearing walls, floor joists
203 mm	8"	Floor joists, longer spans, headers

Other web depths on request. Lengths cut to suit each project.

STEEL AND COATING

Steel	Structural grade 340 MPa (50 ksi) to ASTM A1003 Type H
Coating	Hot-dip galvanized Z275 (G90): 275 g/m ² total, both sides (0.90 oz/ft ²), to ASTM A653
Standards	ASTM A1003 Type H, ASTM A653 [[+ MS / BS EN standards if applicable]]
Paperwork	Mill test certificate (MTC) with every order