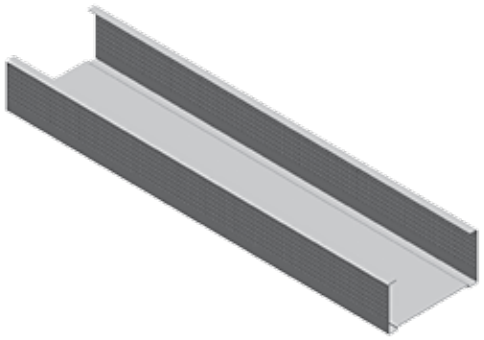
DRYWALL PARTITIONING SYSTEMS

System Description

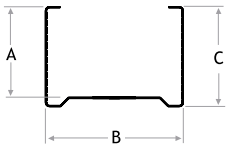
This system is used in conjunction with cold rolled channel, steel frames of stud and track, used for interior non load-bearing walls, which has to be cladded with gypsum board or other cladding sheets. This system in widely used in offices and residential buildings due to easy installations.

Drywall Partitioning Systems

Stud

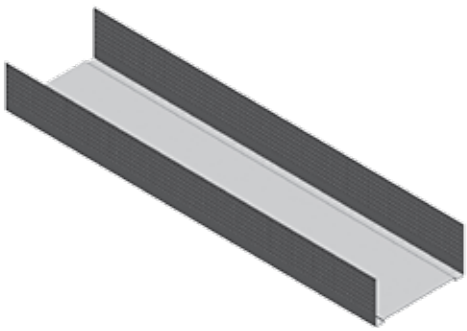


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
S40	34	40	36	0.5-1.5	3000	Galvanized
S45	34	45	36	0.5-1.5	3000	Galvanized
S50	34	50	36	0.5-1.5	3000	Galvanized
S53	34	53	36	0.5-1.5	3000	Galvanized
S60	34	60	36	0.5-1.5	3000	Galvanized
S63	34	63	36	0.5-1.5	3000	Galvanized
S70	34	70	36	0.5-1.5	3000	Galvanized
S73	34	73	36	0.5-1.5	3000	Galvanized
S83	34	83	36	0.5-1.5	3000	Galvanized
S90	34	90	36	0.5-1.5	3000	Galvanized
S92	34	92	36	0.5-1.5	3000	Galvanized
S98	34	98	36	0.5-1.5	3000	Galvanized
S123	34	123	36	0.5-1.5	3000	Galvanized
S148	34	148	36	0.5-1.5	3000	Galvanized

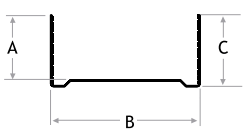


Other sizes of Thickness, Length, Depth & Flange can be made upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

Track



Reference	Dimensions			Thickness	Length	Material
	A	B	C			
T42	23	42	25	0.5-1.5	3000	Galvanized
T47	23	47	25	0.5-1.5	3000	Galvanized
T52	23	52	25	0.5-1.5	3000	Galvanized
T55	23	55	25	0.5-1.5	3000	Galvanized
T62	23	62	25	0.5-1.5	3000	Galvanized
T65	23	65	25	0.5-1.5	3000	Galvanized
T72	23	72	25	0.5-1.5	3000	Galvanized
T75	23	75	25	0.5-1.5	3000	Galvanized
T85	23	85	25	0.5-1.5	3000	Galvanized
T92	23	92	25	0.5-1.5	3000	Galvanized
T94	23	94	25	0.5-1.5	3000	Galvanized
T100	23	100	25	0.5-1.5	3000	Galvanized
T125	23	125	25	0.5-1.5	3000	Galvanized
T150	23	150	25	0.5-1.5	3000	Galvanized



Other sizes of Thickness, Length, Depth & Flange can be made upon request.
Material Standard: Galvanized Steel-BS EN 10346:2009 (formerly) BS EN 10142:1991)
Coating Type: as per ASTM A653 / A653M.
Note: All dimensions are in mm.

Installation Method

A. Install tracks at floors, ceilings, structural walls and columns where gypsum board stud system abuts other construction.

B. Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at or just above suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum boards.

1. For fire-resistance rated partitions that extend full height, install framing around structural members, as required to support gypsum board closures needed to make partitions continuous from floor to under side of structure above.
2. Install bridging, if needed.

C. Brace partition framing, not extending full height to structure above, with studs same size and thickness as partition framing. Provide bracing at:

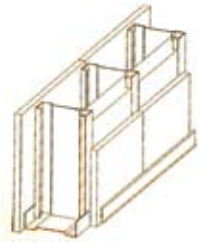
1. 15.24cm (6") on center (o.c.) intervals along length of partitions.
2. Not less than 15.24cm (6") o.c. from partition ends and corners.
3. Door and window openings.

D. Install steel studs in sizes and at spacing indicated.

1. Single-Layer Construction: Maximum space studs 60.96cm (24") o.c., unless otherwise indicated.
2. Multiple-Layer Construction: Maximum space studs 60.96cm (24") o.c., unless otherwise indicated.

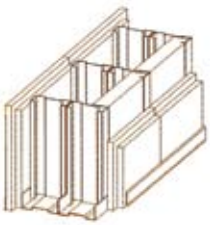
E. Installation of Gypsum Board.

1. Install boards of the appropriate type applications.
2. Install boards with the correct face side out to receive the scheduled finish.
3. Use boards of the maximum practical size to minimize joints for the entire wall surfaces.
4. Accurately align board surface to ensure visual continuity of the face design.
5. Fix boards with self-drilling power driven screws to Studs and Tracks.
6. Fix the boards from the center working towards the edges and corners.
7. Provide angle beads at external corners "J" shaped to cut edges and push boards fully into edge beads.
8. Fill gaps between boards and cover joints with continuous lengths of jointing tape set on jointing compound.
9. Apply additional coats of compound to concealed joints, the heads of fixings and imperfections in the board face and feather out the material to present a smooth and flush surface.
10. Apply a coat of primer / sealer to surface, apply an additional coat where required to adjust absorbency of surface and prevent taped joints grinning through paint finishes.



Single Stud Wall / Single Layer

Single Stud Wall / Double Layer



Double Stud Wall / Double Layer