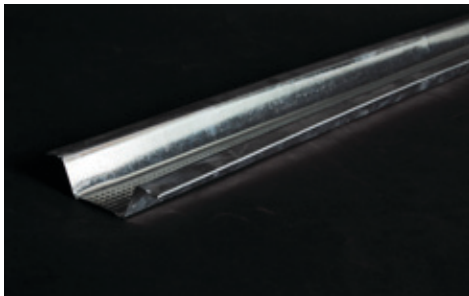


Furring Channel System

The **GTI** Furring Channel System is a concealed ceiling system that suspends a grid of furring channel and top cross rails onto which plasterboard is directly fixed. This allows for a smooth surface that can be kept plain or decorated. Lighting, access panels and ventilation can also be accommodated easily.

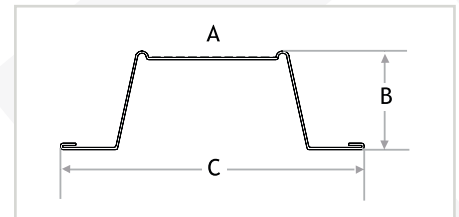
Furring Channel System

Furring Channel

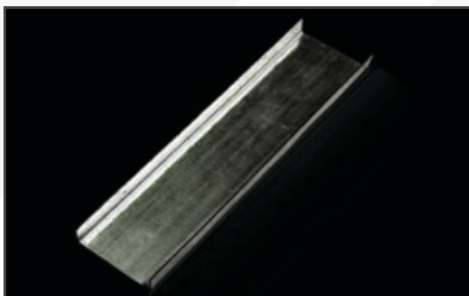


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
GTFC35	35	22	68	0.5-1.2	3000	Galvanized

Galvanized Steel: BS EN 10346:2009 (formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request

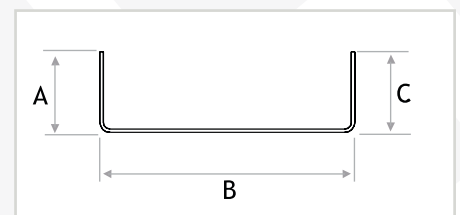


Main Channel

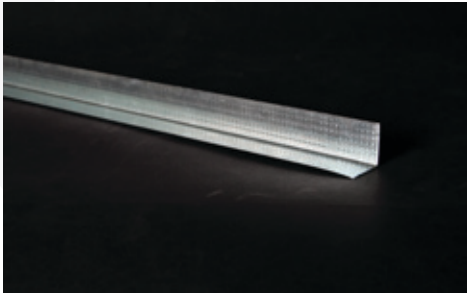


Reference	Dimensions			Thickness	Length	Material
	A	B	C			
GTMC38	12	38	12	0.5-1.5	3000	Galvanized

Galvanized Steel: BS EN 10346:2009 (formerly BS EN 10142:1991)
Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
Thicknesses and custom lengths are available upon request

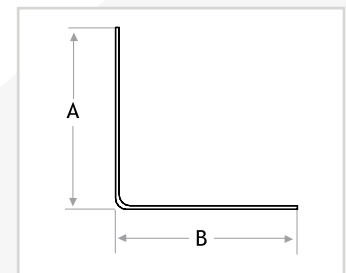


GI Angle



Reference	Dimensions		Thickness	Length	Material
	A	B			
GTA20	20	25	0.5-1.2	3000	Galvanized
GTA25	25	25	0.5-1.2	3000	Galvanized

Galvanized Steel: BS EN 10346:2009 (formerly BS EN 10142:1991)
 Coating Type: Z120, Z180 & Z275 ASTM A653 /A653M
 Thicknesses and custom lengths are available upon request



Installation

Step 1 – Mark the ceiling height

Using a water level or laser method, mark the desired ceiling level on the walls.

Step 2 – Fix the GI Angle

Place the Angle at the marked height.

Step 3 – Fix the grid

Create a grid using the Furring Channels at 600mm intervals and Main Channels as 1200mm intervals not more than 900mm from the walls. Attach hanging wire and adjustable clips at 1200mm intervals to the soffit using ceiling clips and cartridges.

Step 4 – Connect the Main and Furring Channels

Connect the Main Channel with the Furring Channel using the wire clip.

Step 5 – Adjust

Make the required adjustments to the Main and Furring Channels to accommodate MEP, lighting, diffusers, etc.

Step 6 – Fix the plasterboard to the Furring

Screw the 12.5mm thick plasterboard to the Furring Channels using drywall screws.

Step 7 – Fill the gaps

Using joint compound, fill the gaps in the plasterboard.

Step 8 – Finish the joints

Fix joint fiber tape and finish with a joint compound to ready the ceiling for decoration.

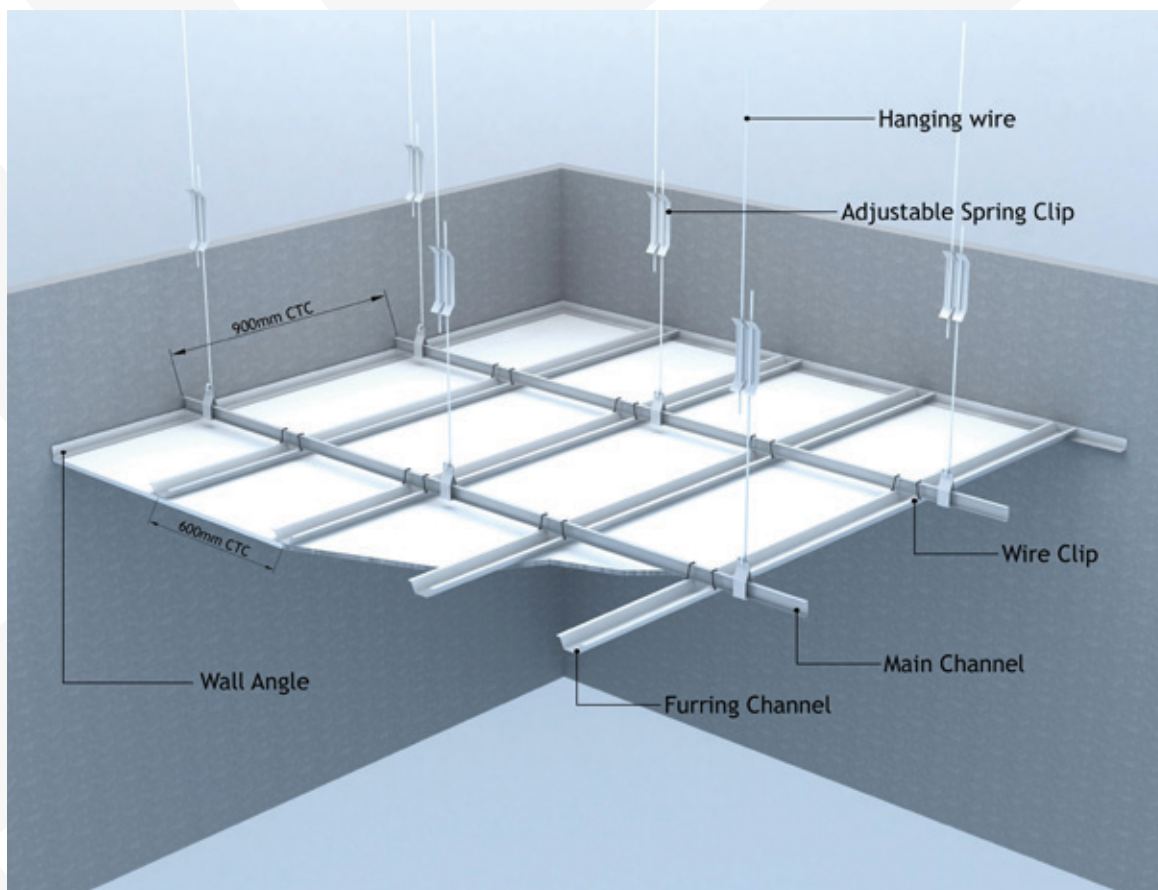
Step 9 – Cut apertures if necessary

Cut apertures for lights and plenum boxes, HVAC balancing and re-fix.

Step 10 – Construct archway

Construct archway structure in angle system to required profile.

Installation Method



For sales and enquiries, Please contact:

Gemini Technical Industries (GTI)

P.O. Box 71295, Kizad A5,31D

AbuDhabi - U.A.E

Tel: 02-6740505, Fax: 02-6740506

E-mail: sales@gti-me.com, www.gti-me.com