

PROFILES MANUFACTURING

FALSE CEILING SUSPENSION SYSTEM

G.I LINTELS AND C -TRUSS CHANNEL

CUT TO LENGTH G.I AND PPGI SHEET

DRYWALL PARTITION SYSTEM

CORRUGATED ROOFING SYSTEM

LINER PROFILE

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National profile factory is one of the leading manufacturers of cold rolled sections and related profiles suitable for the gypsum ceiling and partition works Established since 2005. Our factory is located in the Kingdom of Bahrain.

We are using the latest European technology for producing the profiles.

We have well-trained staff, high and sophisticated machinery and equipment to meet the local and outside requirements of our customers.

We have maintained a much-disciplined method of quality control. We are using tested raw materials with international standards for the specific use of ceiling and partition systems. The finished products meet all international standards related to load carrying capacity, humidity resistance, fire rating etc.

The integration of advanced research and development in the cold roll forming earned National Profile Factory its reputation as major landmark in the cold roll forming technology.

Latest computer aided design method is used in the development and manufacture of a wide range of products leading to high standard of performance and reliability.

Inspired by this dedication to high standards and quality of service, National Profile Factory is mainly producing Main Channels, Furring Channels, Perimeter angles, Drywall partition sections in various thickness and length according to the requirement of our customers.

As part of our product diversification program, we have started production of "LINTEL CHANNELS" "C-TRUSS CHANNEL" "CORRUGATED ROOFING SHEET" "CUT TO LENGTH FOR G.I AND PPGI" With Various Thicknesses And different widths.

Steel Lintel is used in wall construction to replace conventional casting of concrete lintels over door, window or similar openings.

We have installed Slitting and Cut to length line to meet our production requirements.

We are able to provide steel coil servicing (Slitting and Cut to Length) of Galvanized Steel / Cold Rolled Steel coils of Thickness in the range of 0.37mm to 2mm and Master coil width upto 1250mm

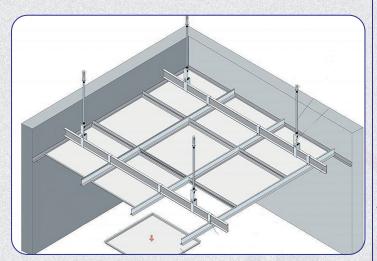
We have further plan of expansion to manufacture different profiles required in the construction industry.

We do have separate professional team for marketing our products in the Kingdom and in other GCC states.



FALSE CEILING SUSPENSION SYSTEM

The furring system is easy to assemble and is mostly used for the areas that need to be smooth Ceiling with gypsum sheets without joints and where services to be concealed. Flexibility and easy to use makes the system suitable for any interior designing works.





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DRYWALL PARTITION SYSTEM

Drywall partition system is specifically designed for the partitions with Gypsum Board or other Types of cladding sheets.

All system profiles are designed for internal partition in the aspect of residential And commercial constructions.

Product Store



Raw Materials Store



Fast and Accurate

ADVANTAGES OF GYPSUM PRODUCT CONSTRUCTION



Easily Decorated

Gypsum construction offers smooth surfaces that readily accept decoration with paint, wallpaper, vinyl covering or wall tile & permit repeated decoration throughout the life of the building.



Sound Control

Gypsum board constructions offer excellent resistance to airborne and impact sound transmission without excessive bulk or weight.



Fire Resistance

Gypsum panels will support combustion. When attacked by fire, crystallized water in gypsum is released and turns to steam to help retard the spread of flame & heat and protect adjacent constructions.

Life Safety Protection

System provides permanent fire resistance not subject to loss of water pressure or other malfunctions & problems that may occur in sprinkler systems.

Light weight

Gypsum board constructions weigh much less than masonry assemblies of the same thickness.

Low installed cost

Gypsum board system offer lower installed costs than more massive constructions. The lighter weight systems reduce material handling costs. Low material cost & large, quickly erected panels combine to provide a lower cost for gypsum dry wall construction.

Fast installation

Gypsum constructions eliminate the construction delays, permit earlier completion & occupancy of buildings.



False Ceiling Suspension System (FC)

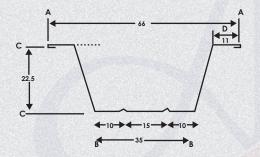
Furring Channel (FC)

Galvanized lightweight steel section for use in a False ceiling system as well as wall lining installation.









Technical Specification:

Galvanized Steel to........ Quality Coating Type G40 – Z120gm/m2 Up to G90 – Z275gm/m2 ASTM A653 ASTM A370

Code	Thickness / t	Diı	mens	ions/m	ım	Length	Pack Details
	MM	Α	В	С	D	LM	Pcs/Pack
22 FC 28	0.37	66	35	22.5	11	3.0	25
22 FC 27	0.40	66	35	22.5	11	3.0	25
22 FC 26	0.45	66	35	22.5	11	3.0	25
22 FC 25	0.50	66	35	22.5	11	3.0	25

- 1 The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm
- 2 Other sizes & thicknesses are also available as per Customer request.



False Ceiling Suspension System (MC)



MAIN CHANNEL (MC)

Galvanized lightweight steel section for use as the main cross and hanger support section

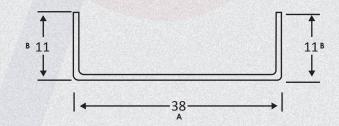
STAND KATTERNA

NATIONAL PROFILE-BAHRAIN

NATIONAL PROFILE-BAHRAIN

Technical Specification:

Galvanized Steel to..........
Quality Coating Type
G40 – Z120gm/m2
Up to G90 – Z275gm/m2
ASTM A653
ASTM A370



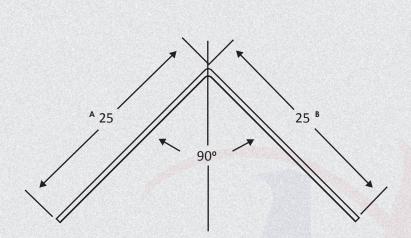
Code	Thickness / t	Dimensions/mm		Length	Pack Details
	MM	Α	В	LM	Pcs/Pack
38 MC 28	0.37	38	11	3.0	20
38 MC 27	0.40	38	11	3.0	20
38 MC 26	0.45	38	11	3.0	20
38 MC 25	0.50	38	11	3.0	20

- 1 The actual thickness may differ from the thickness specified by a maximum of +/-0.02mm
- 2 Other sizes & thicknesses are also available as per Customer request.

False Ceiling Suspension System (WA)

WALL ANGLE (WA)

Galvanized lightweight steel section to be used around the perimeter of the False ceiling.



Technical Specification:

Galvanized Steel to....... Quality Coating Type G40 – Z120gm/m2 Up to G90 – Z275gm/m2 ASTM A653 ASTM A370



Code	Thickness / t	Dimensions/mm		Length	Pack Details
	MM	Α	В	LM	Pcs/Pack
25 WA 28	0.37	25	25	3.0	50
25 WA 27	0.40	25	25	3.0	50
25 WA 26	0.45	25	25	3.0	50
25 WA 25	0.50	25	25	3.0	50

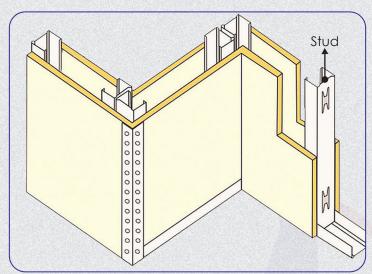
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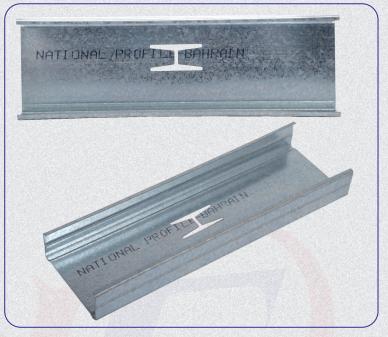


Drywall Partition System (STD)

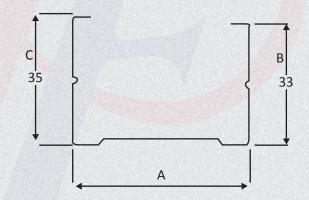
STUD SECTION (STD)

Galvanized steel section for use as the standard head & floor track In non-load (Axial) bearing partitions & wall lining.









Technical Specification:

Galvanized Steel to.........

Quality Coating Type G40 – Z120gm/m2

Up to G90 – Z275gm/m2

ASTM A653

ASTM A370

Thickness Range

0.40 mm to 0.95 mm

Code	Thickness / t	Dim	Dimensions/mm		Length	Pack Details
	MM	Α	В	С	LM	Pcs/Pack
40 STD 29	0.40 - 0.95	40	33	35	3.0	10
48 STD 29	0.40 - 0.95	48	33	35	3.0	10
68 STD 29	0.40 - 0.95	68	33	35	3.0	10
73 STD 29	0.40 - 0.95	73	33	35	3.0	10
92 STD 29	0.40 - 0.95	92	33	35	3.0	10

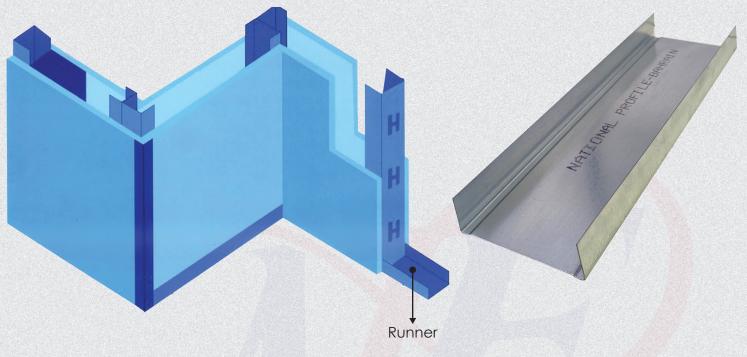
- 1 The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm
- 2 Other sizes & thicknesses are also available as per Customer request.



Drywall Partition System (RNR)

RUNNER SECTION (RNR)

Galvanized steel section for use as the standard head & floor track In non-load (Axial) bearing partitions & wall lining.



Technical Specification:

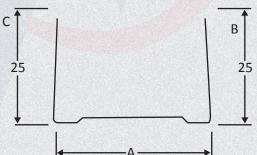
Galvanized Steel to.........

Quality Coating Type G40 – Z120gm/m2

Up to G90 – Z275gm/m2

ASTM A653

ASTM A370



Thickness Range

0.40mm to 0.95 mm

Code	Thickness / t	Dimensions/mm		ns/mm	Length	Pack Details
	MM	Α	В	С	LM	Pcs/Pack
42 RNR 29	0.40 - 0.95	42	25	25	3.0	10
50 RNR 29	0.40 - 0.95	50	25	25	3.0	10
70 RNR 29	0.40 - 0.95	70	25	25	3.0	10
75 RNR 29	0.40 - 0.95	75	25	25	3.0	10
94 RNR 29	0.40 - 0.95	94	25	25	3.0	10

- 1 The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm
- 2 Other sizes & thicknesses are also available as per Customer request.



Lintel: 4", 6" and 8"

Steel Lintel used in wall construction to replace conventional casting of concrete lintels over door, window or similar openings. Light weight Lintels are manufactured using galvanized steel confirms to International standards ASTM A653.

Technical Specification:

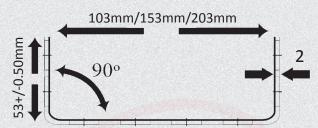
Galvanized Steel to.........

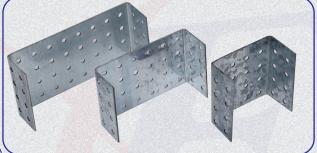
Quality Coating Type G60 – Z120gm/m2

Up to G90 – Z275gm/m2

ASTM A653

ASTM A370







Thickness (mm)	Coating (gm/m2)	Width (inch)	Length (mm)	Heights of side wall (mm)
2 MM	Z120 to Z275 gm/m2	4"6"8"	800 to 4000 As per Customer request	53 mm each + /- 0.50 mm

- 1 The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm
- 2 Other sizes & thicknesses are also available as per Customer request.



41x41 and 41x21 C Truss Channels Or Strut Channels

National Profile Factory Manufactures 41mm Wide 41 Mm Height And 41mm Wide 21mm Height C-Truss Channels Using Hot Dipped Galvanized Steel Coils .The Channels Provide An Ideal Mechanical Support Frame For The Range Of Application And Is Great Starting Point For Installing Electric Cable Or Pipe Management System, Solar Panel Fixing, Storing Racks. It Can Be Provided In Plain Style Or Slotted With Evenly Spaced Slots Along Its Length.



Technical Specification:

Galvanized Steel to.........

Quality Coating Type G40 – Z120gm/m2

Up to G90 – Z275gm/m2

ASTM A653

ASTM A370



Thickness (mm)	Length (mm)	Width (mm)	Sidewall
2 mm Regular Thickness 1.3 mm available on customer request	Standard 3000 mm Availabe Up To 6000 mm	41 mm	Availabe With 41mm And 21mm

NOTE

1 – The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm

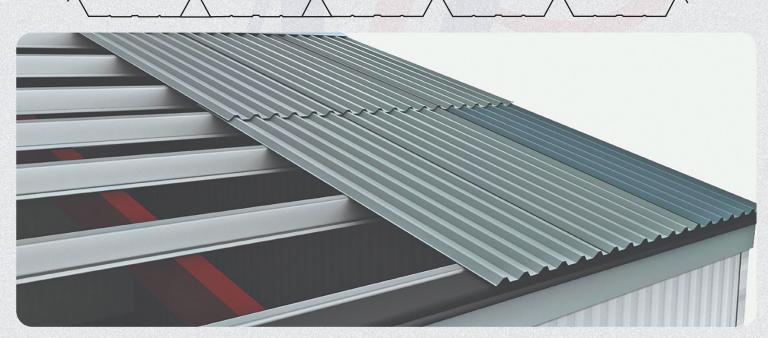


Easy to install, crimped curved sheets provide versatility and creativity that bring new and refreshing design to industrial and domestic buildings.

It add an aesthetic appeal to the building. These sheets provide absolute design freedom with. The profile panel has a generous edge for a double-lap weather proof seal for roofing. The low, wide trapezoidal ribs resist crushing and encourage smooth water flow.

The closely spaced rib pattern casts an attractive, even shadow line.





Thickness (mm)	Length (mm)	Width Before Corrugation (mm)	Width After Corrugation (mm)	Colour
Thickness 0.28 mm to 0.70mm As per Customer request	500 to 10000 mm As per Customer request	1219mm	1000 mm	Standard RAL 9002 off-white Available in Non- standard Colour As per Customer request

- 1 The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm
- 2 Other non Standard sizes & thicknesses are also available as per Customer request.
- 3 The actual Length and Width may differ from the Length and Width Specified by Maximum of +/- 5mm



We Cut cold rolled Galvanized steel, Pre-painted G.I Sheet Etc for Many Lengths and gauges. We Measure our Success with Flatness, Quality, and Consistency. we are capable of providing customer given width as we have facility of European standard slitting line in our factory **We are able to provide steel coil servicing (Slitting and Cut to Length) of Galvanized Steel / Cold Rolled Steel coils of Thickness in the range of 0.37mm to 2mm and Master coil width upto 1250mm**

Specification

HOT- DIP GALVANIZED FLAT STEEL (Sheet) Specifications ASTM A653/A653M-07











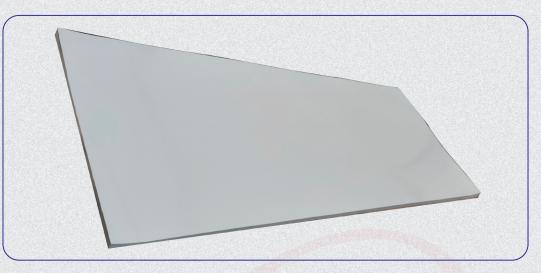


Coating Range (GSM)	Spangle Type	Thickness Range (mm)	Width Range (mm)
90 to 350 [90(G30), 120(G40), 180(G60), 275(G90), 350(G115)] As per Customer request	Regular Spangle, Minimized Spangle As per Customer request	(0.37- 2.00) As per Customer request	Standard 1219mm Range 900 mm – 1250mm Non-standard width also available on customer request

- 1 The actual thickness may differ from the thickness specified by a maximum of +/- 0.02mm
- 2 Other sizes & thicknesses are also available as per Customer request.
- 3 The actual Length and Width may differ from the Length and Width Specified by Maximum of +/- 5mm



Pre-paint steel is a corrosion resistant substrate
That has had paint applied to both sides through a Continuous coil coating process, which produces a Uniform paint finish.





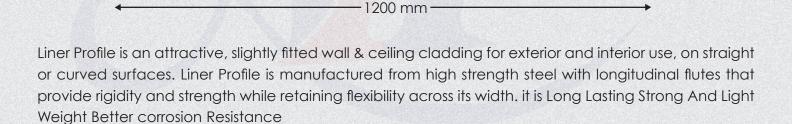


Thickness (mm)	Length (mm)	Width (mm)
0.28MM - 0.70MM As per Customer request	3000 mm standard Non-standard size also available As per Customer request	Range 900 -1250mm Standard 1219 mm Non-standard width also available As per Customer request

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- 2 Other sizes & thicknesses are also available as per Customer request.
- 3 The actual Length and Width may differ from the Length and Width Specified by Maximum of +/- 5mm

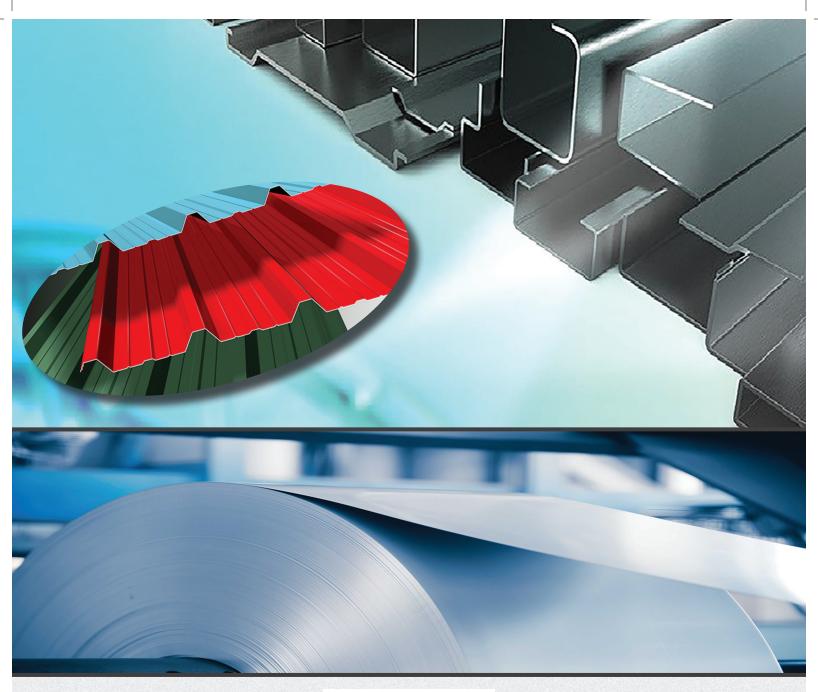






Thickness (mm)	Length (mm)	Width (mm)
0.28 mm To 0.70 mm As per Customer request	As per Customer request	1200 mm

- 1 The actual thickness may differ from the thickness specified by a maximum of 0.02MM
- 2 Other sizes & thicknesses are also available as per Customer request.
- 3 The actual Length and Width may differ from the Length and Width Specified by Maximum of +/- 5mm







المصنع الوطني للقوائم والقواطع National Profile Factory

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