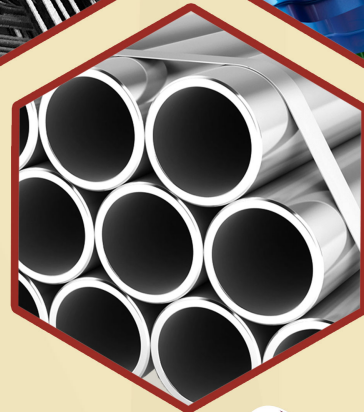
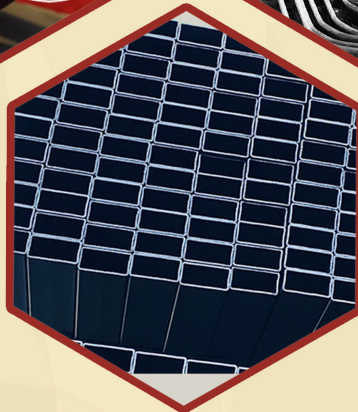
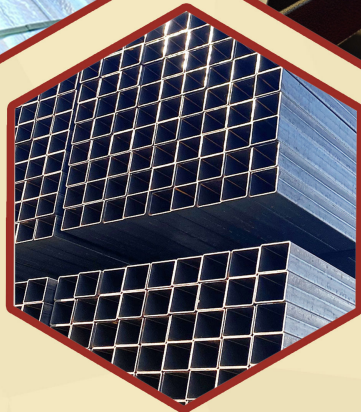
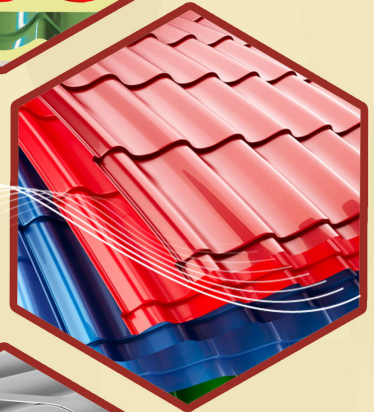
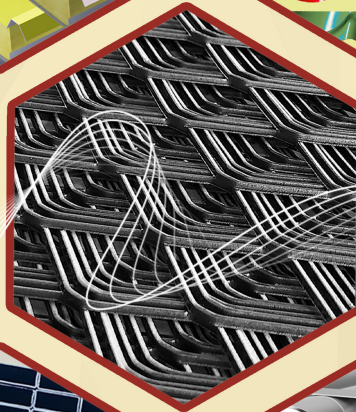
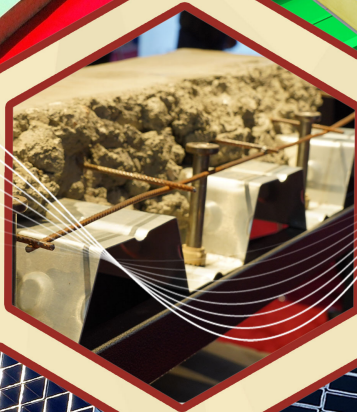
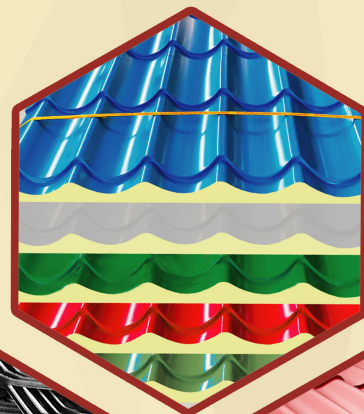
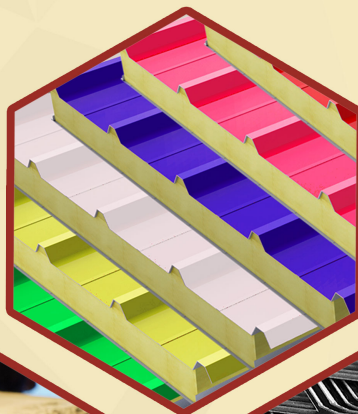


**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# COMPANY PROFILE



MADE IN QATAR

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# QATAR STEEL INDUSTRIES FACTORY

## INTRODUCTION

Established in 1980, we built an organization that would last the challenges of an ever-changing market and one that also would be known for its products in the Qatar Steel Industries. Our focus began with and is still mostly in finished and semi-finished steel goods. The demand for which has allowed us to establish a strong network that now spans 15 branches around the Globe. Our clientele know us for our quality, values and our well-established distribution channels to the extent that we have been awarded the "The Golden Merit for excellence and quality in the Arab world Among the Arab Organization for Administrative Development".

With over 40 years of Experience, we have supplied Contractors, Developers and Governments for projects that now make up renowned residential areas and vital infrastructure that facilitate them. Qatar Steel Industries Factory has become a name that resounds with the highest standards of quality, performance and customer satisfaction. A name that aims to solidify itself in annals of time as an epitome of Sustainability, Innovation and Dynamism. We have done so in the past, thus we endeavor to do so for the future.

## SUCCESS IN STEEL

## MISSION

Industries that focus on Manufacturing such as Qatar Steel Factories need to be built on a system of consistent quality management that is presented at great value. We at Qatar Steel Industries Factory have been perfecting the ingredients for this for almost half a century. Where our innovative practices, expert human resource and the latest technological assimilation has given us the edge placing us as a leading market player.

We will continue to be so for we are driven to refine and seek the best techniques, head hunt the best human resource, source quality raw materials, assimilate the most efficient technology and create value that sustains the current and builds new clientele.

## VISION

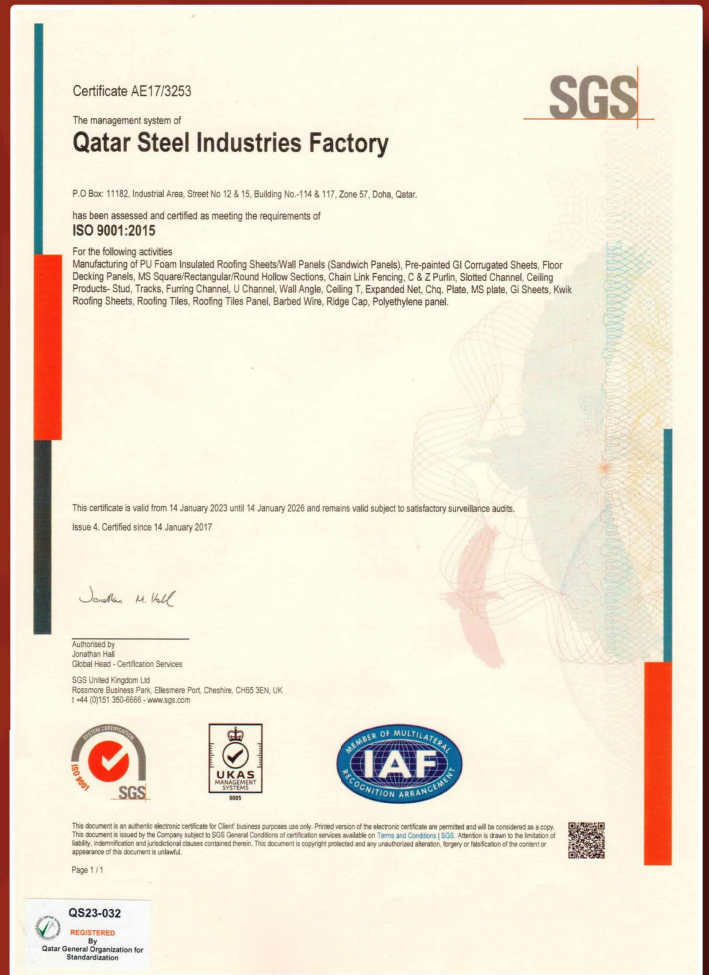
Ethical Practices, upholding highest customer satisfaction standards, manufacturing the best quality and range of products, sustaining and expanding a strong distribution network and finally creating value that resonates with the Global Market. That is what we, Qatar Steel Industries Factory envision and seek to consistently work on.

For ours is a conviction that is as strong and as durable as steel.



# CERTIFICATIONS

Qatar Steel Industries Factory is dedicated to upholding the highest standards in our operations and products. Our certifications stand as a testament to our unwavering commitment to quality, safety, and industry excellence. Trust in our credentials as you place your faith in our products.





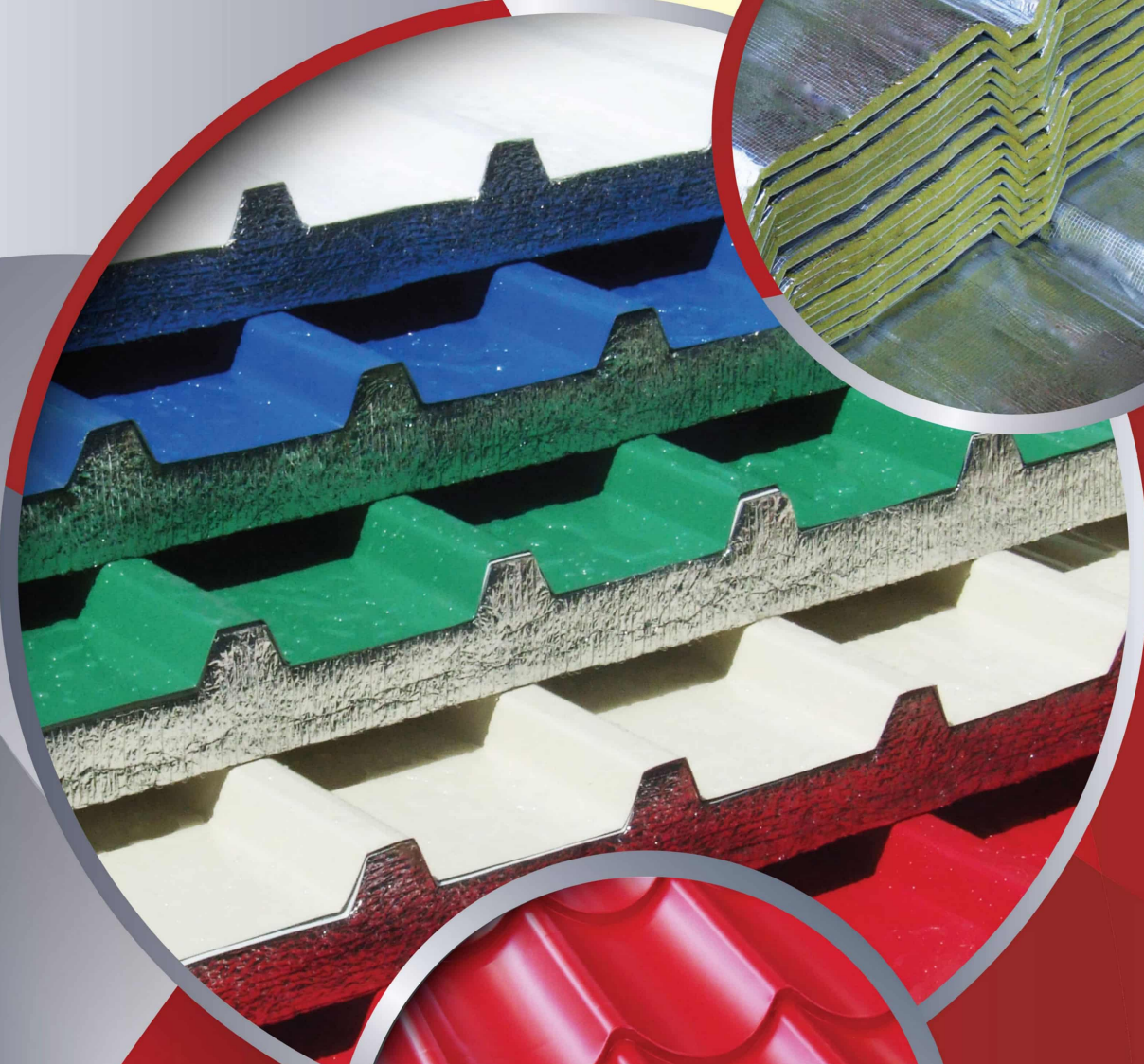
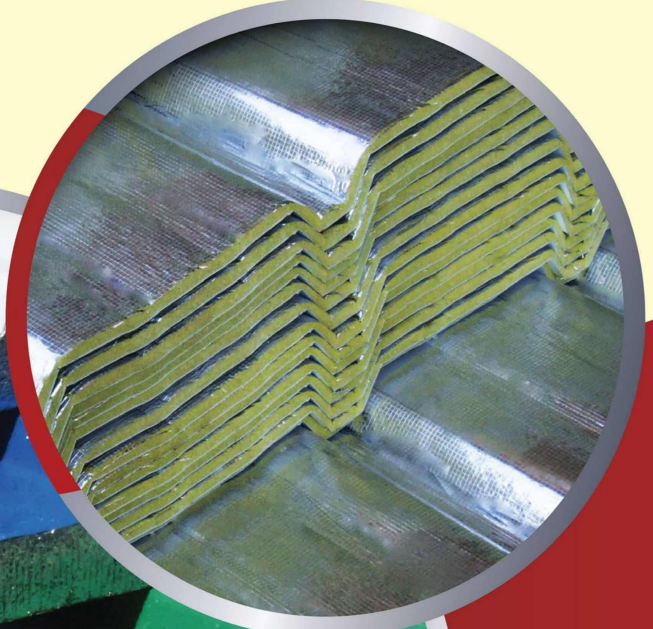


# QATAR STEEL

INDUSTRIES FACTORY (W.L.L.)

مصنع قطر للصناعات الحديدية

## PANEL CATALOGUE







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR CORRUGATED ROOFING SHEETS

The latest improvements, such as the use of galvanized metal, have contributed in the increased demand of the product among residential homeowners. The wave-shape character feature of the corrugated metal makes it durable but lightweight, and thus it is perfect for many construction projects. These roofing sheets are manufactured with thickness ranging between 0.20mm to 0.7mm and width of 1 meter. Moreover, the product is available in a variety of color choices.

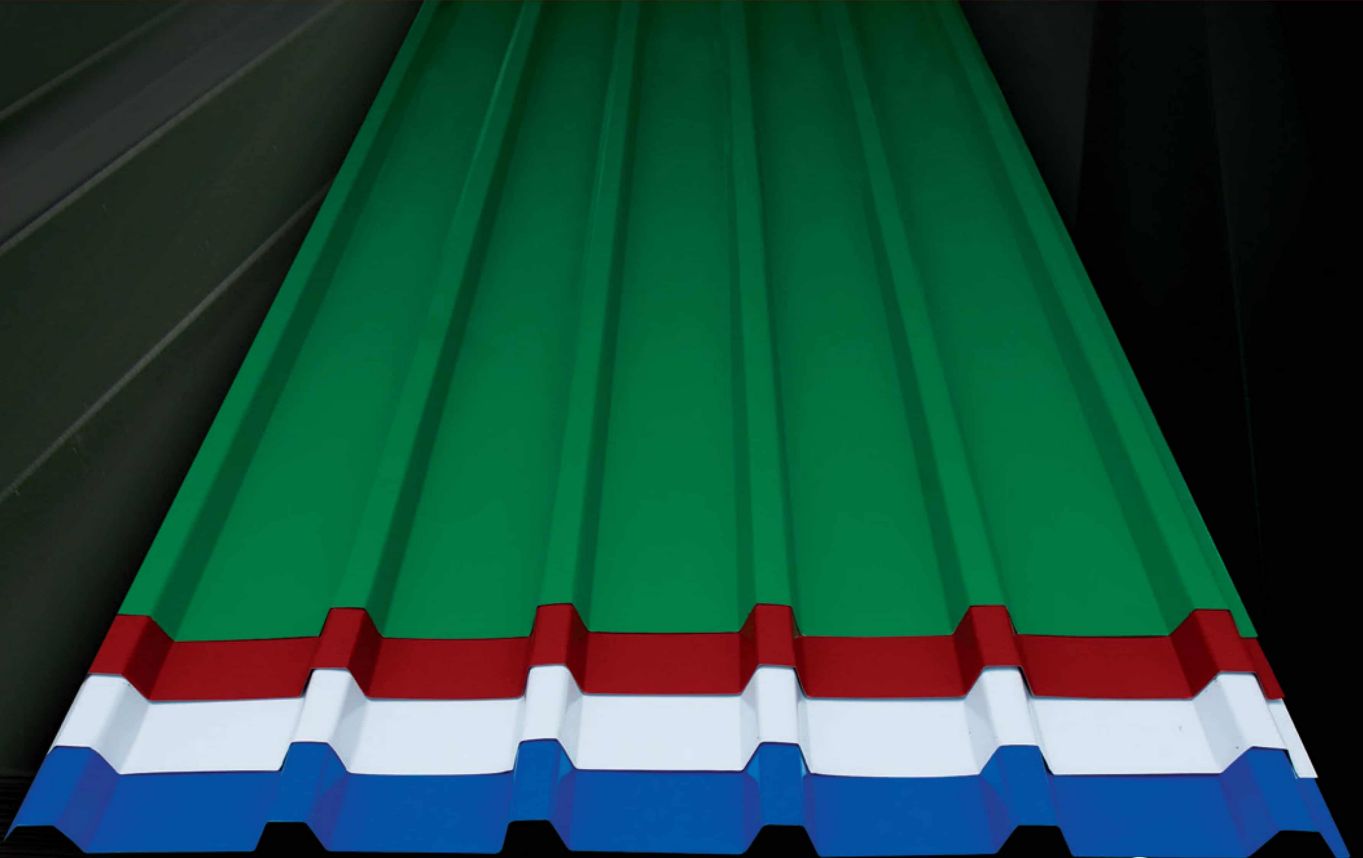
Qatar steel industries factory produces a variety of roofing and shading accessories such as Ridge Caps, Rain Water Gutters, Side Panels, Partitions, and many other roofing materials that adds to the beauty of your house.

- Lightweight and durable
- Available in a vast range of colours
- Easy to carry and handle
- High resistance to water absorption
- Designed to prevent fatigue and deformation

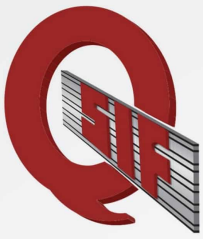
ساهمت التحسينات المؤخرة، مثل استعمال المعدن المغلفن، في زيادة الطلب على المنتج بين أصحاب المنازل السكنية، والمزايا الخصائية للمعدن المموج- شكله المموج- تجعله متيناً بالرغم من خفة وزنه، وبالتالي فهو مثالي للاستعمال في مشاريع الإنشاءات المتعددة. تُصنع هذه الصفائح الفولاذية للسقوف بسماكة تتراوح بين 0.2 مم إلى 0.7 مم وعرض 1 متر. وعلاوة على ذلك، تتوفر بتشكيل واسعة من خيارات اللون أيضاً.

ينتج مصنع قطر للصناعات الحديدية تشكيلة من لوازم الأسقف والتظليل مثل بلاطات الأسقف الفولاذية وبالوعات تصريف مياه الأمطار، واللوائح الجانبية والتقسيمات ومواد الأسقف العديدة الأخرى والتي تضيف جمالا على منزلكم.

- خفيفة الوزن ومتينة
- متوفرة بتشكيلة واسعة من الألوان
- سهولة الحمل والمناولة
- مقاومة عالية للماء والامتصاص
- مصممة لمنع الاهتراء والتشوه



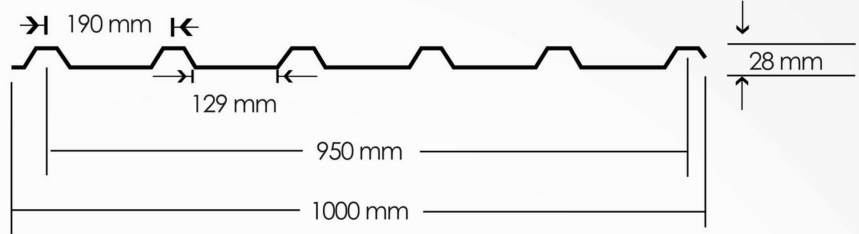
MADE IN QATAR



**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR CORRUGATED ROOFING SHEETS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Thickness Range	0.35mm to 0.7mm
Width of the sheet (mm)	1000 mm
Length Range (mm)	150 mm to 12000 mm
Specular Gloss @ 60 Deg (Amount of light reflected from surface)	40 - 90 %
Pencil Hardness (First pencil that does not scratch)	2 (HB Grade)
Scratch Resistance (Bare metal shall not be visible through scratch)	1500 Gms
Protective Film	No Guard Film

### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of top polyster coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### CORROSION RESISTANCE

Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### COLOR SHADES

White, Off White, Beige, Green, Light Green
Dark Green, Yellow, Red, Light Pink, Dark Pink
Blue, Dark Blue

### DIMENSIONAL TOLERANCE

Thikness (mm)	0.02 mm
Width (mm)	5 mm
Length (mm)	5 mm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR DOUBLE SKIN SANDWICH ROOF PANELS

The Double skin sandwich Roof Panels are made from pre-painted galvanized sheets and insulated with polyurethane foam. The Products thickness ranges from 30 mm to 100 mm. These décor Roof Panels are suitable for portal cabins, houses, villas, steel buildings, room partitioning, etc.

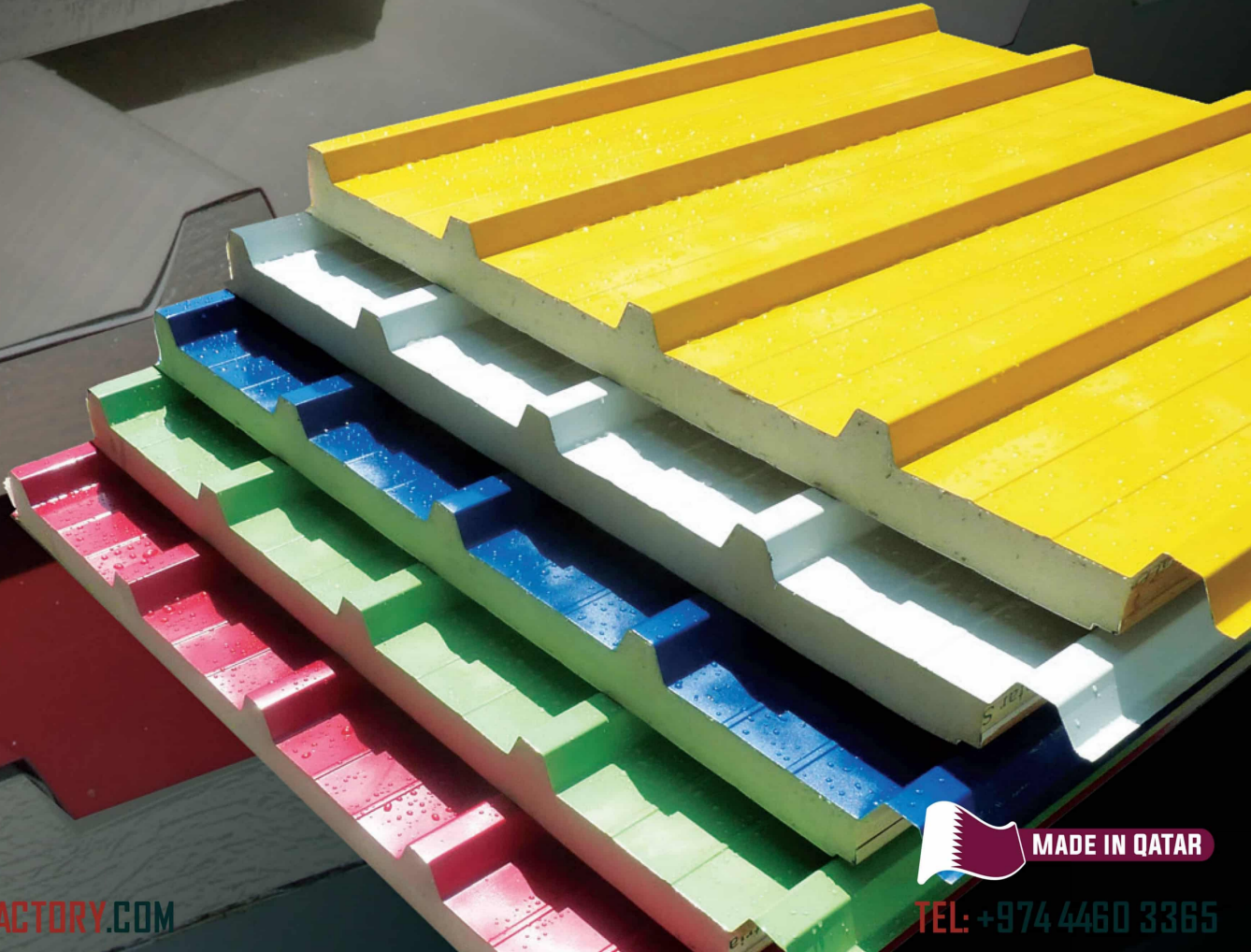
Double Skin Sandwich Roof Panels are coupled with the following unique features:

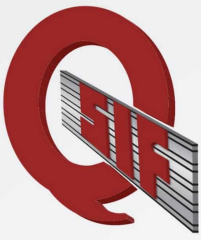
- Excellent resistance to corrosion
- Long-lasting and durable
- Easy to dismantle when necessary
- Does not require exterior and interior finishing
- Aesthetic value for decor

تُصنع لوائح الأسقف المزدوجة والرقيقة السماكة من صفائح مغلفنة ومصبوغة وعازلة برغوة البوليثلين. تتراوح سماكة المنتج من 30 مم إلى 100 مم. وهذه لوائح الأسقف المزخرفة هذه مناسبة للكابائن ذات الأبواب والمنازل والفلل والمباني الفولاذية وتقسيمات الغرف، إلخ.

تتمتع لوائح الأسقف المزدوجة بالمزايا الفريدة التالية:

- مقاومة ممتاز ضد التآكل
- معمرة ومتينة
- سهولة التمكنك عند الضرورة
- لا تتطلب تشطيب داخلي وخارجي
- قيمة جمالية للديكور

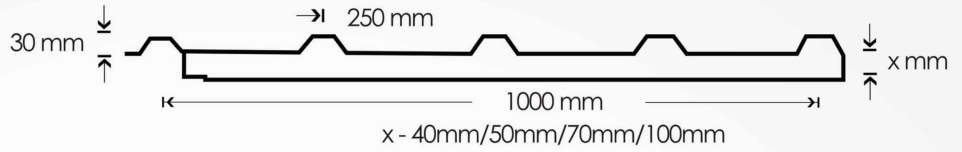




**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR DOUBLE SKIN SANDWICH ROOF PANELS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Thickness of RPUF (mm)	40/50/70/100 mm
Thickness of RPUF Crest(mm)	30 mm
Thickness Range Facia Sheet (mm)	0.4mm to 0.6mm
Effective Width of the Panel (mm)	1000 mm
Length Range(mm) 200 mm to	12000 mm
Specular Gloss @ 60 Deg (Amount of light reflected from surface)	40 - 90 %
Pencil Hardness (First pencil that does not scratch)	2 ( HB Grade)
Scratch Resistance( Bare metal shall not be visible through scratch)	1500 Gms
Facia	Prepainted Galvanised steel (PPGS)
Protective Film	With or With out Guard Film

### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of Top coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### PHYSICAL AND MECHANICAL PROPERTIES

Density	38 +/- 2 Kg per Cubic Mtr
Closed cell content	90 to 95 %
Thermal conductivity	0.02 W/m-K
Dimensional stability (48 Hrs)	
Deg -25	0.01%
Deg + 38 & 90 % RH	0.01%
Deg + 100	0.04%
Water absorption (24 hrs)	0.02% of Volume @ 100 % RH
Fire resistance	Self Extinguishing

### COLOR SHADES

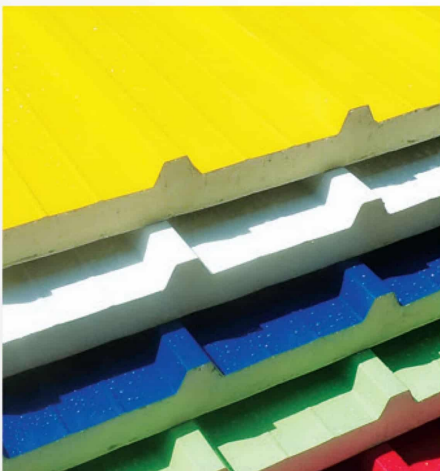
White, Off White
Beige.Green
Light Green
Dark Green
Yellow.Red
Light Pink
Dark Pink
Blue, Dark Blue

### CORROSION RESISTANCE - FACIA

Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### DIMENSIONAL TOLERANCE

Thickness (mm)	2 mm
Width (mm)	2 mm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR DOUBLE SKIN WALL PANEL

Moisture and high temperature are arguably the most aggressive of environmental conditions. The double skin feature will give the products a longer lifeline and endurance against these conditions. Double skin sandwich wall panels are made from pre-painted galvanized sheets and insulated with polyurethane foam. Polyurethane sandwich panels, single and double skin sheets and trims offers complete solutions for all cladding needs. With thickness's ranging from 35 mm to 100 mm these décor wall panels are suitable for portal cabins, steel buildings, room partitioning. These are available in 4 PU thicknesses 20, 35, 50, 75 and 100mm.

**Uses:** These sheets can be successfully applied to cold storage, warehouses, residential villas, houses, covered pools and sports complexes.

#### List of features includes:

- Thermal insulation
- Dimensional tolerances
- Ageing and long-term behavior
- Fire performance
- Water and air tightness
- Weight and space saving
- Easy cleaning and decoration
- Low maintenance and long life

إن الرطوبة والحرارة المرتفعة هما العاملان الأكثر عداوة من الظروف البيئية كما يزعم. وستمنح الميزة المزدوجة عمر أطول وتحمل أكثر للمنتجات ضد مثل تلك الظروف. حيث تُصنع لوائح الجدران المزدوجة من صفائح مغلفنة ومصبوجة وعازلة برغوة البوليثلين، وتوفر اللوائح المزدوجة والمحتوية على البوليثلين والصفائح الفردية والمزدوجة والزخارف طول كاملة لكل احتياجات التصفيح، ومع سماكة تتراوح بين 35 مم إلى 100 مم، فإن صفائح الجدران المزخرفة هذه مناسبة للكابائن ذات الأبواب والمباني الفولاذية وتقسيمات الغرف، وتتوفر هذه الصفائح المحتوية على البوليثلين 4 بسماكات 20 ، 35 ، 50 ، 75 و 100 مم.

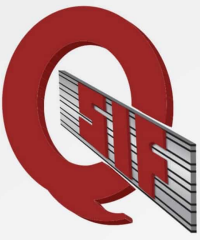
الاستعمالات: يمكن تطبيق هذه الصفائح بنجاح في التخزين البارد والمستودعات والفلل السكنية والمنازل والأحواض المغلقة والمجمعات الرياضية.

#### تشمل قائمة المزايا ما يلي:

- عزل حراري
- عوامل تحمل بعدية
- خاصية معمرة وطويلة الأمد
- أداء مقاوم للحريق
- إحكام مقاوم لتأثير الماء والهواء
- توفير في الوزن والمساحة
- تنظيف سهل وجمالية الحيكور
- صيانة منخفضة وعمر مديد



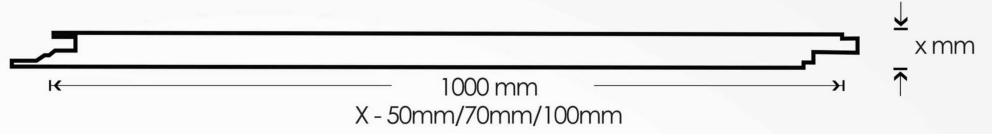
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**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR DOUBLE SKIN WALL PANELS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Thickness of RPUF Insulation (mm)	50/70/100 mm
Effective Width of the Panel (mm)	1000 mm
Length Range (mm) 200 mm to	12000 mm

### COATING

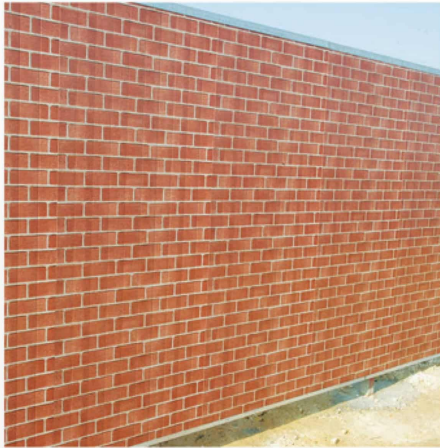
Top Coat	5 Micron Primer and 20 to 25 Micron of Top Polyester coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### PHYSICAL AND MECHANICAL PROPERTIES

Density	38 +/- 2 Kg per Cubic Mtr
Closed cell content	90 to 95 %
Thermal conductivity	0.02 W/m-K
Dimensional stability (48 Hrs)	
Deg - 25	0.01%
Deg + 38 & 90 % RH	0.01%
Deg + 100	0.04%
Water absorption (24 hrs)	0.02% of Volume @ 100 % RH
Fire resistance	Self Extinguishing

### COLOR SHADES

White, Off White
Beige, Green
Light Green
Dark Green
Yellow.Red
Light Pink.Dark Pink
Blue, Dark Blue
Marble & Wooden

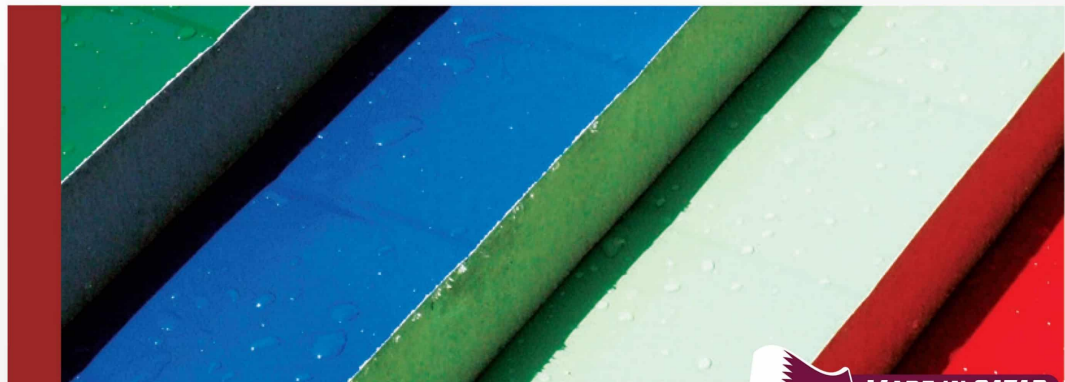


### CORROSION RESISTANCE

Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### DIMENSIONAL TOLERANCE

Thickness (mm)	2 mm
Width (mm)	2 mm
Length (mm)	5 mm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR FLOOR DECKING PANELS

Composite Floor Decks feature a galvanized ribbed profile with embossments designed to interlock with the concrete slab. Our professionals manufacture these sheets by quality approved raw materials and cutting edge technology. The deep profile allows a deep and stronger pour of concrete therefore a higher slab depth can be obtained. As with all the floor decking panels the widths allow for easy installation with the male and female receptors. The deck initially acts as a form for the concrete, and after the concrete cures, the deck acts as the positive moment reinforcement.

**Available Finish:** Galvanized, Cold Rolled (CR)

**Uses:** Steel Deck performs as a positive reinforcement and a permanent form support, providing savings in concrete and reinforcement steel.

#### List of features includes:

- Time effective to install decking panels over a vast area
- Once fixed, the deck acts as a safe platform
- Unlike conventional constructions processes, lesser concrete is required
- It lowers the weight of primary structures and foundations
- Composite deck flooring is economical and affordable
- Reduces construction time

تبرز زخارف الأرضيات المركبة مظهر مغلغل ومضلع مع نقوض مصممة للتداخل مع صبة الأسمنت. حيث يقوم المهنيون لدينا بتصنيع هذه الصفائح باستخدام مواد خام معتمدة الجودة وأحدث مبتكرات التكنولوجيا. ويتيح المظهر العميق سكب ساير وأكثر قوة للأسمنت وبالتالي يمكن الحصول على عمق صبة أعلى. وكما هو الحال مع لوحات الزخرفة الأرضية، فإن العروض تسمح بالتركيب السهل مع المستقبليات الذكورية والأنثوية. حيث يتصرف السطح المزخرف مبدئياً كنهط للأسمنت، وكما تتصرف بعد معالجة الأسمنت كتعزيز عزم موجب.

**التشطيب المتوفر:** مجلفن، مدلفن على البارد (CR)

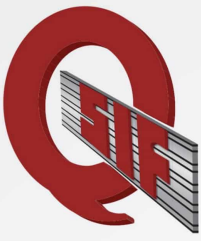
**الاستعمالات:** يؤدي السطح المزخرف الفولاذي دور التعزيز الموجب والدعم الدائم للشكل، مع توفير احذارات في الأسمن والفولاذ المسلح.

#### تشكل قائمة المزايا ما يلي:

- احذار الوقت في تركيب ألواح الأرضية في منطقة واسعة
- حال التركيب، يتصرف السطح كمنصة آمنة.
- تتطلب أسمنت أقل على عكس عمليات الإنشاءات التقليدية
- تخفض من وزن الهياكل والأساسات الرئيسية
- تعتبر الأرضية المزخرفة المركبة اقتصادية وذات أسعار مقبولة
- تقلل من وقت الإنشاء



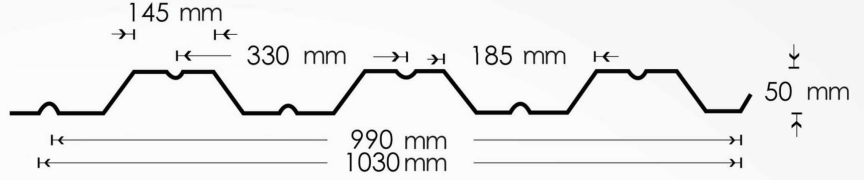
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**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR FLOOR DECKING PANELS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Thickness Range	0.70 mm to 1.20mm
Width of the sheet (mm)	1030mm
Length Range (mm)	1000 mm to 10000 mm
Hardness	55 - 65 HRB
Surface Finish	Chromated
Zinc Coating	120 to 150 grams per sqm

### DIMENSIONAL TOLERANCE

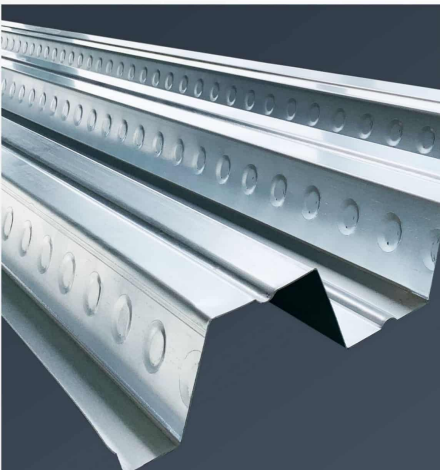
Thickness (mm)	0.02 mm
Width (mm)	1 mm
Length (mm)	5 mm

### PROFILE PROPERTIES

Nominal Thickness (mm)	Weight of Profile KG/m <sup>2</sup>	Weight of Profile KN/m <sup>2</sup>	Area mm <sup>2</sup> /m	Moment of Inertia cm <sup>4</sup> /m
0.70	6.72	0.07	854	26.20
0.80	7.68	0.08	976	31.10
0.90	8.64	0.09	1098	36.90
1.00	9.60	0.10	1219	42.30
1.20	11.52	0.12	1462	55.40

### LOAD TABLE

Span Condition	Slab Depth (mm)	0.70 mm	0.80 mm	0.90 mm	1.00 mm	1.20 mm
Single	110	2.045	2.300	2.480	2.664	3.019
Single	120	1.985	2.238	2.407	2.585	2.930
Single	130	1.922	2.172	2.354	2.515	2.850
Single	150	1.819	2.053	2.230	2.387	2.715
Single	170	1.695	1.953	2.126	2.281	2.600
Double	110	1.835	2.125	2.414	2.664	3.164
Double	120	1.742	2.022	2.296	2.546	3.023
Double	130	1.664	1.930	2.195	2.438	2.899
Double	150	1.527	1.777	2.026	2.250	2.680
Double	170	1.414	1.649	1.883	2.093	2.507







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR KWIK ROOFING SHEETS

Manufactured from pre-painted galvanized sheet panels, Kwik roofing sheets are available at a 25 mm wide and a varying thickness between 0.5 mm to 0.7 mm in multiple color choices. We can manufacture the sheets to a minimum radius of 1.2m, alternately we can calculate the radius and length using the width and rise of the curved sheets. Moreover, the sheet spans from 1.5 meters to 7 meters along with a radius range of 400 mm to 800 mm. Kwik roofing sheets can be used for roof tops, parking bays, guest rooms and so on.

**Uses:** Curved sheets consist of roofing for barns, poultry sheds, internal tunnel cladding, airport hangars and corrugated water tanks.

#### List of features includes:

- Good aesthetics
- They are very light in weight
- Easy and quick installation
- Excellent finish
- Resistant to corrosion and breaking
- Long lasting and durable
- Maintenance free

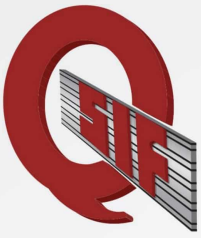
تتوفر صفائح الأرضية "كويك" المصنعة من لوائح الصفائح المغلفنة والمصبوغة بعرض 25 مم وتتراوح سماكتها بين 0.5 مم إلى 0.7 مم وبخيارات متعددة من الألوان. كما يمكننا تصنيع الصفائح بنصف قطر أدنى 1.2 م، وكحل بديل يمكننا احتساب نصف القطر والطول باستخدام العرض وارتفاع الصفائح المقوسة. وعلاوة على ذلك، تمتد الصفائح من 1.5 متر إلى 7 أمتار على طول مجال نصف القطر 400 مم إلى 800 مم. ويمكن استعمال صفائح الأرضية "كويك" في أسطح المباني ومواقف السيارات وغرف الضيوف ودواليك.

**الاستعمالات:** تتألف الصفائح المقوسة من أرضية للشحنات (الحظائر في المزارع) وأسقف مزارع الدواجن وتصفيح القنوات الداخلية وحظائر المطارات وصهاريج المياه المموجة.

#### تشمل قائمة المزايا ما يلي:

- عنصر جمالي جيد
- الصفائح خفيفة الوزن للغاية
- تركيب سهل وسريع
- تشطيب ممتاز
- مقاومة للتآكل والكسر
- معمرة ومتينة
- صيانة مجانية

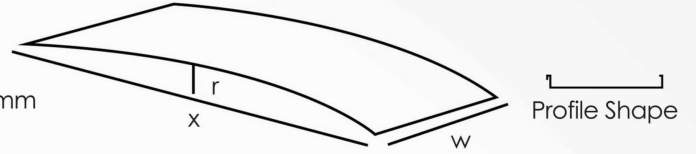




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مصنع قطر للصناعات الحديدية

## QATAR KWIK ROOFING SHEETS TECHNICAL DATA SHEET

Span (x) - 1.5 mtr to 7mtr  
Radius (r) - 400mm to 800mm  
Width(w) - 235mm



### GENERAL DETAILS

Thickness Range	0.5 mm to 0.7 mm
Width of the sheet (mm)	235 mm
Length Range (mm)	1500 mm to 7000 mm
Specular Gloss @ 60 Deg (Amount of light reflected from surface)	40 - 90 %
Pencil Hardness (First pencil that does not scratch)	2 (HB Grade)
Scratch Resistance (Bare metal shall not be visible through scratch)	1500 Gms
Protective Film	No Guard Film

### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of Top coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### CORROSION RESISTANCE

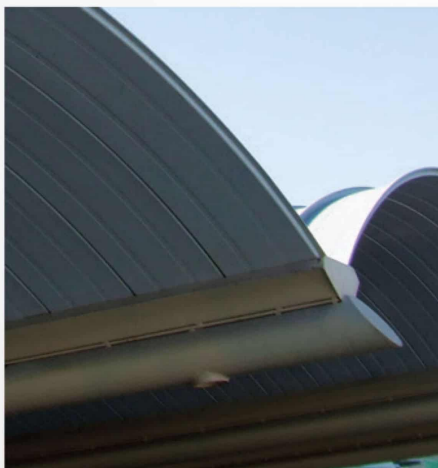
Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### COLOR SHADES

White, Off White, Beige, Green, Light Green, Dark Green, Yellow
Red, Light Pink, Dark Pink, Blue, Dark Blue

### DIMENSIONAL TOLERANCE

Thickness (mm)	0.02 mm
Width (mm)	1 mm
Length (mm)	5 mm







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# QATAR POLYETHYLENE PANELS

The Polyethylene Panel is a product in which the polyethylene foam is formed into sheet form and is applied with a layer of aluminum on the top and the bottom. The metallic surfaces have been prefinished and coil-coated in a variety of paint finishes before bonding. The product can also be attached to pre-painted galvanized steel sheet and is also sold in the form of the sandwich panel. The panels offered are rigidity of heavy-gauge sheet metal in a lightweight panel that's easy to fabricate and adaptable to a vast range of indoor and outdoor building applications. The minimum width of the panel is 1 meter and the foam thickness is available in the ranges of 6mm and 8mm.

**Uses:** The aluminum foil skin gives an attractive finished look and is used for brightening the interior of a building such as factories, warehouses, cold storages.

#### List of features includes:

- The ability to prevent condensation due to heat
- Insulates heat perfectly
- Extraordinarily resistant to chemicals
- Obtains the strength to resist fire
- Prevention of corrosion due to humidity
- Durable and long-lasting

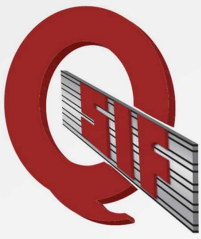
اللوحة المحتوية على البوليثلين عبارة عن منتج يتم فيه تشكيل رغوة البوليثلين في نمط صفيحة ويطبق مع طبقة من الألمنيوم في الأعلى والأسفل. تم التشطيب المسبق والطلاء الملفوف للأسطح المعدنية بتشكيلة واسعة من التشطيبات الطلائية قبل التخزين. كما يمكن توصيل المنتج مع صفيحة فولاذية مغلقة ومصبوغة وبيع أيضاً بنمط اللوحة المزدوجة. واللوائح المقدمة عبارة عن صلابة معدن صفيحة بقياس ثقيل بلوح خفيف الوزن سهل التركيب وقابل للتكيف مع تشكيلة واسعة من التطبيقات الداخلية والخارجية للمباني. العرض الأدنى للوح هي 1 متر وتتوفر سماكة الرغوة بمجالات من 6 مم إلى 8 مم.

الاستعمالات: تمنح طبقة الألمنيوم الرقيقة منظر تشطيب جذاب وتستعمل لإضافة مصدر لمعان للأجواء الداخلية من المبنى مثل المصانع والمستودعات والمخازن الباردة.

#### تشكل قائمة المزايا مايلي:

- القدرة على منع التكثف بسبب الحرارة
- عزل مثالي للحرارة
- مقاومة استثنائية للمواد الكيماوية
- اكتساب القوة لمقاومة الحريق
- منع التآكل بسبب الرطوبة
- متانة وعمر محدد





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR POLYETHYLENE PANELS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Top Facia Sheet	Pre Painted Galvanised Steel (PPGS)
Thickness of Top Facia Range(mm)	0.35 mm to 0.7 mm
Width of the sheet (mm)	1000 mm
Length Range (mm)	150 mm to 11500 mm
Insulation Type	Polyethylene Foam
Insulation Thickness Range (mm)	6 to 8 mm
Bottom Facia Sheet I	Aluminium Foi
Specular Gloss @ 60 Deg (Amount of light reflected from surface)	40 - 90 %
Pencil Hardness of Top Facia (First pencil that does not scratch)	2 (HB Grade)
Scratch Resistance of Top Facia (Bare metal shall not be visible through scratch)	1500 Gms
Protective Film	No Guard Film

### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of top polyester coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### CORROSION RESISTANCE

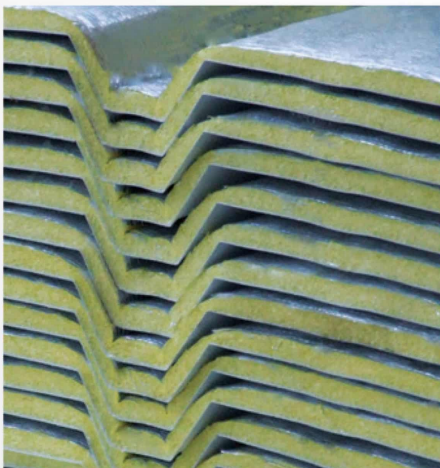
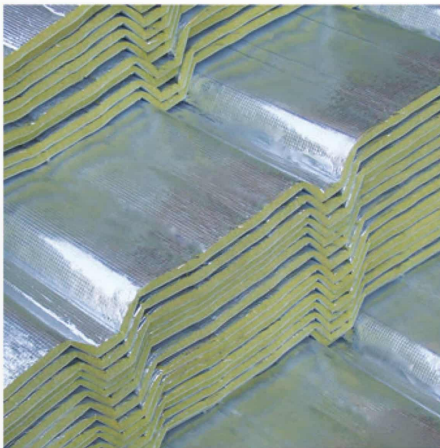
Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### COLOR SHADES

White, Off White, Beige, Green, Light Green, Dark Green, Yellow
Red, Light Pink, Dark Pink, Blue, Dark Blue

### DIMENSIONAL TOLERANCE

Thickness (mm)	0.02 mm
Width (mm)	5 mm
Length (mm)	5 mm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR ROOFING TILES

QSIF Roofing tiles are lightweight, with a dry or wet weight of 70lbs per 100 sq. ft. This is about 96% lighter than concrete or clay tiles. Substantial savings are effected in structural costs for new homes and developments, as truss systems can be designed for less stress and weight loads. Our pre-painted galvanized roofing tiles are coated with polyester paint which gives it a natural and traditional look.

**Uses:** There are tremendous applications to such roofing tiles, ranging from building villas, beach houses, factories and cabins.

#### Distinctive features and benefits of Roofing tiles are:

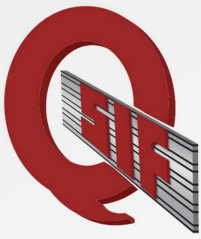
- Extremely strong and long-lasting
- Lightweight
- Similar to traditional clay roofing tiles
- Highly recommended for both commercial and residential purposes
- Various choices of beautiful colours
- Superior quality that prevents any cracks
- Easy to carry and handle
- Extremely convenient to install
- Low maintenance

بلاطات الأسقف المصنعة لدى مصنع قطر للصناعات الحديدية خفيفة، بوزن 70 رطل لكل 100 قدم مربع. وهذا يعني نسبة 96% أخف من بلاطات الأسمنت أو الملاط. وتتجلى الإحذارات الكبيرة في التكاليف الهيكلية للمنازل والتطورات الجديدة، حيث يمكن تصميم أنظمة الجمالون للحصول على ضغط وحمولات وزن أقل. بلاطات الأسقف المغلفة والمصبوغة لدينا ملبسة بطلاء بوليستر مما يمنحها منظر طبيعي وتقليدي.

الاستعمالات: هناك العديد من التطبيقات مثل بلاطات الأسقف والتي تتراوح استعمالاتها بين المباني والفلا والمنازل على الشواطئ والمصانع والكنائس.

#### المزايا والفوائد المتميزة لبلاطات الأسقف هي:

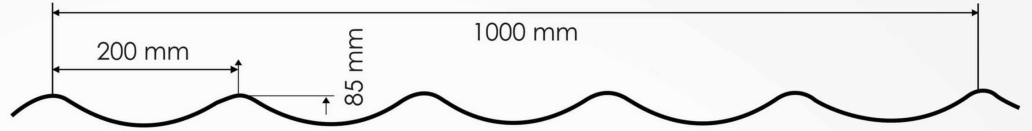
- قوية ومعمرة للغاية
- خفيفة الوزن
- مشابهة لبلاطات الأسقف التقليدية المصنعة من الملاط
- ينصح باستعمالها بشكل كبير للأغراض التجارية والسكنية على حد سواء
- خيارات متنوعة من الألوان الجميلة
- جودة فائقة تمنع أية تشققات
- سهولة الحمل والمناولة
- ملائمة للتركيب للغاية
- صيانة منخفضة



**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

## QATAR ROOFING TILES

### TECHNICAL DATA SHEET



#### GENERAL DETAILS

Thickness Range	0.4 mm - 0.5 mm
Width of the sheet (mm)	1000 mm
Length Range (mm)	750 mm to 6000 mm
Specular Gloss @ 60 Deg (Amount of light reflected from surface)	40 - 90 %
Pencil Hardness (First pencil that does not scratch)	2 (HB Grade)
Scratch Resistance (Bare metal shall not be visible through scratch)	1500 Gms
Protective Film	No Guard Film

#### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of top polyester coat
Back Coat	5 to 10 Micron of service coat.
Zinc Coating	90 to 120 grams per sqm

#### CORROSION RESISTANCE

Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

#### COLOUR SHADES

White, Off White, Beige, Green, Light Green, Dark Green, Yellow
Red, Light Pink, Dark Pink, Blue, Dark Blue

#### DIMENSIONAL TOLERANCE

Thickness (mm)	0.02 mm
Width (mm)	1 mm
Length (mm)	5 mm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR ROOFING TILE PANEL

Qatar Steel Industries Factory introduced the option of metal roofing tile panels. Unlike their ceramic counterparts, they are highly durable, less prone to damage, lightweight and easy to assemble. They retain the same design aesthetic that adds a nice visual appeal to the façade of a building and is portable and easy to assemble.

Built from Pre-painted galvanized iron also known as 'PPGI', the zinc layer ensures protection from corrosion and rust. Bent to form a shape that resembles their ceramic counterparts, they are easy to maintain as they share the same water-shedding feature. The panels are adhered to polyurethane to add that extra layer of protection which helps the structure remain safe from moisture, extreme weather conditions, fireproof and help with soundproofing.

These come in both single and double skin variants, where the thicker layer ensures a greater degree of protection from the elements. The thickness also absorbs more sound and vibrations leading to higher sound dampening capability.

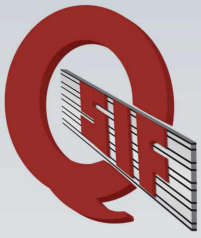
#### Investing with QSIF in Roofing Tile Panels ensures:

- The top facia sheet is pre-painted galvanized steel.
- Durability and strength as the material used is metal.
- Corrosion, weather, fire, humidity and mold protection as the tiles undergo galvanization and are adhered with Polyurethane.
- Reduces the sound and vibrations substantially due to the extra added layer of Polyurethane.
- The same aesthetic as its ceramic counterpart but is lighter making it portable.
- Quick and easy to assemble as they are designed in panels.
- Customization options come in a range of color options for you to choose from White, Beige, Maroon, Green, Blue, Red, and so on.
- Water shedding properties make it easy to maintain. Washing with water can easily remove dirt and any weather pollutants. Thus ensuring little to no maintenance costs and longer life.

#### Size, Dimensions and Coating:

- Dimensional options for thickness ranging from 0.35 - 0.7 mm.
- Width of 1000 mm.
- Length ranges from 750 - 6000 mm.
- Bottom Rigid PVC facia sheet 0.08mm thick.
- Scratch resistance due to a 1500 gms coating.

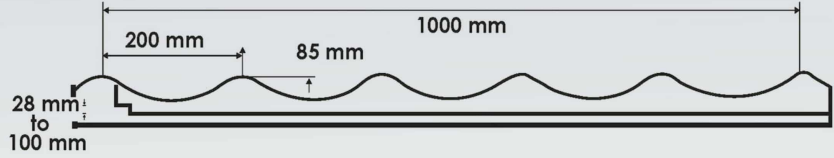




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INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# ROOFING TILE PANEL

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Top Facia Sheet	Pre Painted Galvanized Steel (PPGS)
Thickness of Top Facia Range (mm)	0.35 mm to 0.7 mm
Width of Sheet (mm)	1000 mm
Length Range (mm)	750 mm to 6000 mm
Insulation Type	Polyurethane Foam
Specular Glass @ 60 Deg (amount of light reflected from surface)	40 - 90%
Bottom Facia Sheet	Rigid PVC Film
Pencil Hardness of top facia (first pencil that does not scratch)	2 (HB Grade)
Length Range (mm)	200 mm to 11500 mm
Protective Film	With or Without Guard Film
Thickness of PVC Film	0.08 mm
Insulation Thickness (mm)	100 mm
Scratch Resistance of top facia (bare metal shall not be visible through scratch)	1500 GMS

### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of Top coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### PHYSICAL AND MECHANICAL PROPERTIES

Density	38 +/- 2 Kg per Cubic Mtr	White, Off White
Closed cell content	90 to 95 %	Beige.Green
Thermal conductivity	0.02 W/m-K	Light Green
Dimensional stability (48 Hrs)		Dark Green
Deg -25	0.01%	Yellow.Red
Deg + 38 & 90 % RH	0.01%	Light Pink
Deg + 100	0.04%	Dark Pink
Water absorption (24 hrs)	0.02% of Volume @ 100 % RH	Blue, Dark Blue
Fire resistance	1.3 minutes	Purple

### COLOR SHADES

### CORROSION RESISTANCE - FACIA

Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### DIAMENSIONAL TOLERANCE

Thikness (mm)	2 mm
Width (mm)	1 mm
Length (mm)	6 mm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR SINGLE SKIN SANDWICH ROOF PANELS

Pre-painted galvanized roofing sheets. In the past 20 years, end-users, contractors and consultants have become increasingly aware of the losses associated with thermal transmission. Insulation of various types is now used in all types of buildings. The insulated polyurethane sheets have a thickness of 20 mm. Liner panels have one metal skin surface with polystyrene foam board adhered to it for better insulation. QSIF is one of the first companies to introduce polyurethane sandwich panels in the Middle-East. Polyurethane has been recognized as the most resistant material to heat transmission.

**Uses:** These sheets can be successfully applied to cold storage, warehouses, residential villas, houses, covered pools and sports complexes. Moreover, there are various choices of rich colors available both in single skin or double skins.

#### The features includes:

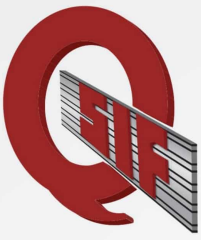
- Resistant to corrosion, deformation and breaking
- High resistance to water absorption
- No requirements for interior or exterior finishing
- Can simply be disassembled when necessary
- High insulation value
- Long service life
- Strong aesthetic value

صفائح أسقف مغلقة ومصبوغة، في السنوات 20 الماضية، أدرك المستهلكون والمقاولون والاستشاريون وبوتيرة متزايدة الخسائر المصاحبة للنقل الحراري. لذلك، يستخدم العزل بأصنافه المختلفة الآن في جميع أنواع المباني. تبلغ سماكة الصفائح العازلة والمحتوية على البولي يوريثين 20 مم. وللوائح المستقيمة سطح معدني واحد مع لوح رغوي من البولي يوريثين ملصق بها لتوفير عزل أفضل. كما يعتبر مصنع قطر للصناعات الحديدية من الشركات الأولى في منطقة الشرق الأوسط لإنتاج اللوائح مزدوجة المحتوية على البولي يوريثين. يعرف البولي يوريثين كمادة مقاومة للنقل الحرارية لأقصى درجة.

الاستعمالات: يمكن تطبيق هذه الصفائح بنجاح في التخزين البارد والمستودعات والفلل السكنية والمنازل والأحواض المغلقة والمجمعات الرياضية، وعلاوة على ذلك، هناك خيارات متعددة من الألوان الغنية والمتوفرة في طبقة واحدة أو طبقات مزدوجة.

#### تشمل المزايا ما يلي:

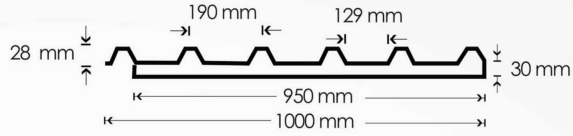
- مقاومة للتآكل والتشوه والكسر
- مقاومة عالية لامتصاص الماء
- لا حاجة لتشطيب داخلي أو خارجي
- يسهل تفكيكها بسهولة عند الضرورة
- قيمة عالية من العزل الحراري
- عمر مديد من الخدمة
- قيمة جمالية شديدة الأثر



**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR SINGLE SKIN SANDWICH ROOF PANELS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Top Facia Sheet	Pre Painted Galvanised Steel (PPGS)
Thickness of Top Facia Range (mm)	0.35 mm to 0.7 mm
Effective Width of the sheet (mm)	950 mm
Length Range (mm)	150 mm to 11500 mm
Insulation Type	Polyurethane Foam
Insulation Thickness (mm)	30 mm
Bottom Facia Sheet	Rigid PVC Film
Thickness of PVC Film	0.08 mm
Length Range (mm)	200 mm to 11500 mm
Specular Gloss @ 60 Deg (Amount of light reflected from surface)	40 - 90 %
Pencil Hardness of top facia (First pencil that does not scratch)	2 (HB Grade)
Scratch Resistance of top facia (Bare metal shall not be visible through scratch)	1500 Gms
Protective Film	With or With out Guard Film

### COATING

Top Coat	5 Micron Primer and 20 to 25 Micron of Top Polyester coat
Back Coat	5 to 10 Micron of service coat
Zinc Coating	90 to 120 grams per sqm

### PHYSICAL AND MECHANICAL PROPERTIES

Density	38 +/- 2 Kg per Cubic Mtr
Closed cell content	90 to 95 %
Thermal conductivity	0.02 W/m-K
Dimensional stability (48 Hrs)	
Deg - 25	0.01%
Deg + 38 & 90 % RH	0.01%
Deg + 100	0.04%
Water absorption (24 hrs)	0.02% of Volume @ 100 % RH
Fire resistance	Self Extinguishing

### COLOR SHADES

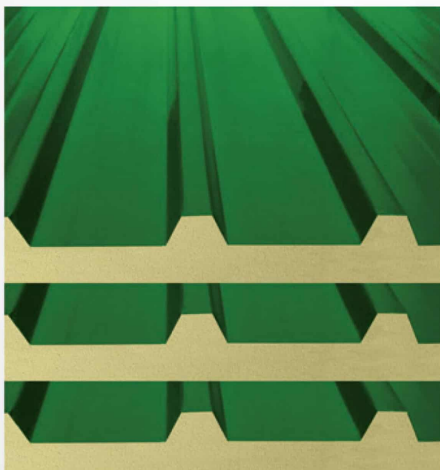
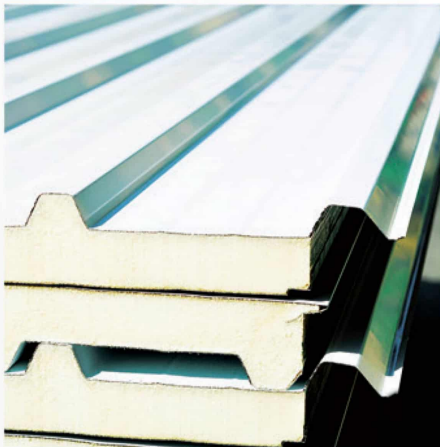
White, Off White
Beige, Green
Light Green
Dark Green
Yellow, Red
Light Pink, Dark Pink
Blue, Dark Blue

### CORROSION RESISTANCE - FACIA

Salt spray - 5 % NaCl 500 Hrs	Good
Humidity 1000 Hrs	Good
Acid resistance - 5 % HCL 24 Hrs	Good
Alkali resistance - 5 % NaOH 24 Hrs	Good
Boiling Water 1 Hrs	Good

### DIMENSIONAL TOLERANCE

Thickness (mm)	2 mm
----------------	------







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# TRANSPARENT ROOFING SHEETS

In the heart of Qatar's architectural innovation, our transparent roofing sheets stands as a testament to elegance and resilience. These sheets, also known as Fiberglass FRP Roofing Sheets, designed to harmonize with Qatar's unique environmental and architectural demands. Transparent roofing sheets bring a blend of functionality and style to your doorstep.

## Specifications:

- Width: 1200mm
- Thickness: 1.50mm
- Length: Standard 4 meters
- Color: Transparent (clear, sky blue)

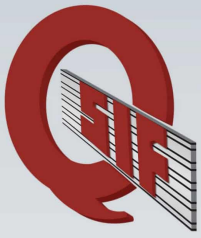
## Additional Details:

- **Environment Ready Design:** Manufactured to thrive in Qatar's environment, ensuring longevity with minimal maintenance.
- **Durable Material:** Utilizing superior fiberglass FRP material, these sheets are a benchmark in durability.
- **Rust Free:** Resistant to corrosion, particularly vital for the coastal ambiance of Qatar.
- **Lightweight:** Combining lightness with strong strength to withstand diverse weather conditions.
- **Crystal-Clear:** These roofing sheets are transparent; they invite the beauty of natural light while conserving energy.
- **Versatility:** Suitable for a range of uses, from industrial to residential, enhancing every architectural style.
- **Easy to Install:** Designed for quick and easy installation, keeping up with the fast pace of modern construction.

Qatar Steel Industries Factory's transparent roofing sheets offer durability, versatility and aesthetic appeal, perfectly suited for unique architectural needs. Whether it's enhancing natural light in garden sheds, providing robust protection as roofing tiles, or adding a modern touch to architectural panels, these sheets are the ideal choice for both innovation and functionality.



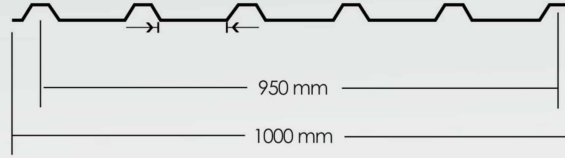
**MADE IN QATAR**



**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# TRANSPARENT ROOFING SHEETS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

THICKNESS	APPLICATION	LIGHT TRANSMITTANCE
1.50 mm	Rainwater roofing, fence rails, architectural panels, garden sheds, cladding and roofing tiles.	Clear $\geq$ 75%

PARTICULARS	FRP
Tensile Strength	80 – 100 Mpa
Bending Strength	70 – 110 Mpa
Barcol Hardness	40 – 68
Water Absorption	24 Hours $<$ 0.32 %
Wind Resistance	$<$ 8 <sup>th</sup> Grade
Elongation at Break	1.70 %
Specific Gravity	1.40 – 1.60 g/cm <sup>3</sup>
Thermal Conductivity	0.158 Watt/M <sup>k</sup>
Izod Impact, Notched	10.40 J/cm







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR DECORATIVE WALL PANEL

Adorn your space with Qatar Steel Factory's Decorative Wall Panels. They're stylish, practical and top-quality, reflecting our dedication. These panels not only look great on your walls but are also very effective. Looking to refresh your office or home? Need good insulation? Our panels are the solution. They perfectly combine artistic design with latest technology.

## The Key Features of QSIF's Decorative Wall Panels:

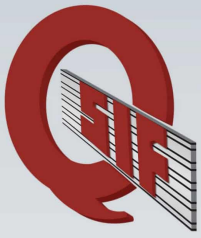
- Heat Insulation Keep your interiors cool, ensuring energy efficiency and comfort.
- Sound Insulation Enjoy peace and tranquility without external disturbances.
- Green Energy Crafted with sustainability in mind, contributing to a greener planet.
- Seismic Crack Resistance Designed to withstand seismic disturbances, ensuring longevity and safety.
- Thermal Insulation Regulate interior temperatures efficiently, cutting down energy costs.
- Durability Built to last, our panels stand strong against the tests of time.
- Fast and Easy Installation With the interface plug system, setting up is a breeze.

## Additional Details:

- Top Coat Enhanced with a UV Protection Coating to maintain its luster and shield from harmful UV rays.
- Surface Material Embossed high-quality coated metal sheet amplifies its elegance.
- Core Material The rigid high-density PU foam guarantees structural strength.
- Bottom Side Material A foil protective layer adds an extra dimension of insulation and moisture-proofing.



MADE IN QATAR



**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# DECORATIVE WALL PANELS

## TECHNICAL DATA SHEET



### GENERAL DETAILS

Thickness of RPUF (mm)	18mm
Effective Width of Panel (mm)	200mm (+4) or 300mm (+4)
Length Range (mm)	200mm to 10,000mm
Pencil Hardness	2 (HB Grade)
Scratch Resistance (Where metal is not visible through scratch)	1500 Gms
Facia	Pre-Painted Galvanized Steel (PPGS)
Protective Film	With or Without Guard Film

### COATING

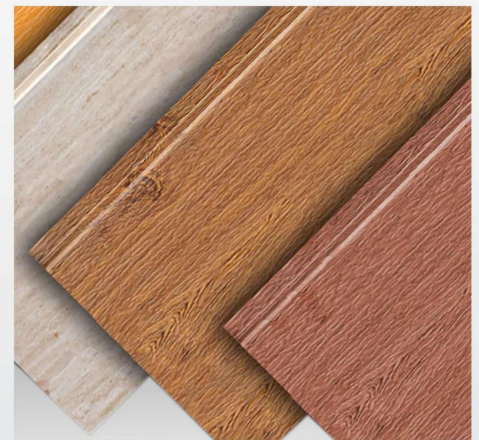
Top Coating	5 Micron Primer and 20 to 25 Micron of Top coat
Back Coating	5 to 10 Micron of Service coat
Zinc Coating	90 to 120 grams per sqm

### PHYSICAL AND MECHANICAL PROPERTIES

Density	38 +/- 2 Kg per Cubic Metre
Closed Cell content	90 to 95%
Thermal Conductivity	0.02 W/m-K
Dimensional stability	48 Hrs
Deg -25	0.01%
Deg + 38 & 90 % RH	0.01%
Deg + 100	0.04%
Water Absorption	0.02% of Volume @ 100% RH

### CORROSION RESISTANCE (FACIA)

Salt spray	5% NaCl 500 Hrs	Good
Humidity	1000 Hrs	Good
Acid Resistance	5% HCL 24 Hrs	Good
Alkali Resistance	5% NaOH 24 Hrs	Good
Boiling Water	1 Hr	Good







# QATAR STEEL

INDUSTRIES FACTORY (W.L.L)

مصنع قطر للصناعات الحديدية

## TUBE & PIPE CATALOGUE





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنم قطر للصناعات الحديدية

# QATAR GALVANIZED C & Z PURLINS

Secondary framing is an important component of many pre-engineered metal buildings. Purlins are also referred to as 'secondary structures'. Most commonly known to be lightweight construction elements manufactured from sheet metal strips. These sheets are available in galvanized C & Z sections.

Supplied plain or punched, galvanized purlins are manufactured from high tensile steel for increased strength, reduced weight, and a long serviceable life. QSIF can manufacture a complete range of structural C and Z purlins and girts for industrial buildings, garages, verandahs, and carports, in fact anywhere that strong, reliable steel framing is required.

**C Purlins:** C Purlins are used as Purlins over walls, rafters, floor joists and studs for walls.

**Z Purlins:** This shape helps the Purlins to overlap joint and is stronger and sturdier than the C purlins. As a result, they tend to be used for large-scale

#### The features are as follows:

- Strong structure
- Seamless and straight
- Choices of customized lengths
- Lightweight makes it easy to handle and transport and also reduces the cost up to 40%
- The automatic controlled manufacturing ensures close tolerances
- Fast and quick to install
- Excellent resistance to corrosion
- Long-lasting and durable

يعتبر التأطير الفرعي كموكون هام للعديد من المباني المعدنية المسبقة الهندسة. ويشار إلى المدادات أيضاً بعبارة "الهياكل الفرعية". وهي المعروفة بشكل عام لأقصى درجة كعناصر إنشاء خفيفة الوزن والمصنعة من شرائط معدنية حديدية. وتتوفر هذه الشرائط بأقسام C & Z مغلفة.

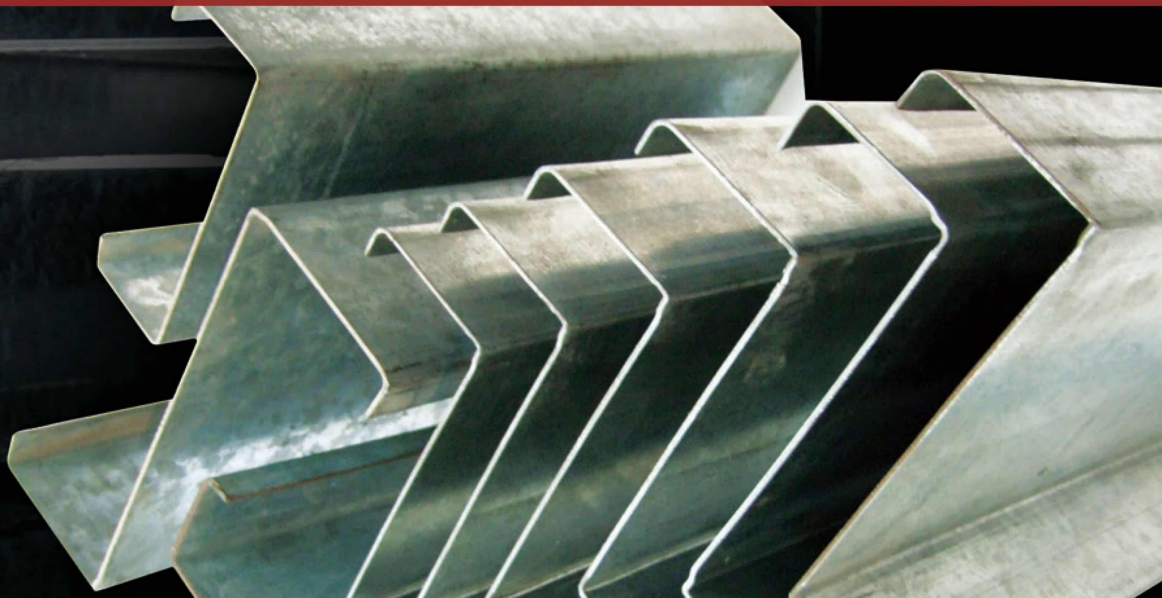
وتصنع المدادات المغلفة، الصافية أو المثقبة، من حديد مطاوع عالي الدرجة للحصول على قوة زائدة ووزن أقل وحياة خدمة طويل. يستطيع مصنع قطر للصناعات الحديدية تصنيع تشكيلة كاملة من المدادات C & Z والعوارض الهيكلية لغرض المباني الصناعية والمرآب والشرفات وأسقف تغطية السيارات، وفي الواقع في أي مكان يطلب فيه وجود تأطير حديدي قوي ومعتمد عليه.

**مدادات C:** تستخدم مدادات C كمدادات للجدران والعوارض الخشبية ودعمات الأرضية ودعمات الجدران.

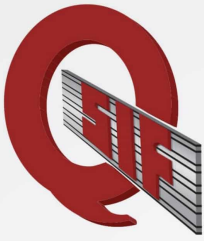
**مدادات Z:** يساعد هذا الشكل المدادات للتداخل مع وصلة وهي أقوى وأكثر استقراراً من مدادات C. ونتيجة لذلك، هناك توجه للاستعمال على نطاق واسع.

#### تشمل قائمة المزايا ما يلي:

- هيكل قوي
- بدون لحم ومستقيمة
- خيارات من الأطوال حسب الطلب
- خفة الوزن يجعلها سهلة المناولة والنقل ويخفض أيضاً من التكلفة بنسبة 40%
- يضمن التصنيع المتحكم به ألياً قدرات تحمل عن كئب
- سريعة وفورية للتتركيب
- مقاومة ممتازة ضد التآكل
- معمرة ومثبنة





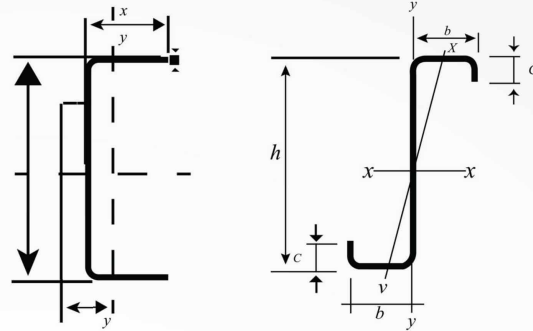


**QATAR STEEL**

INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR GALVANIZED C & Z PURLINS

## TECHNICAL DATA SHEET

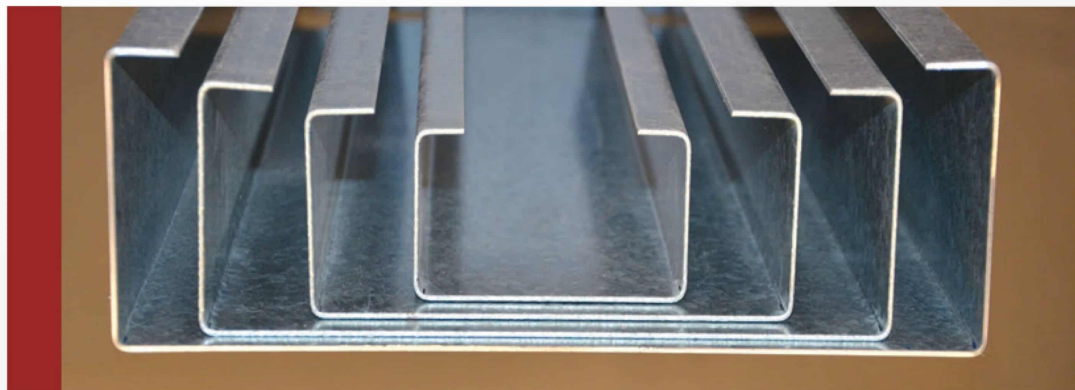
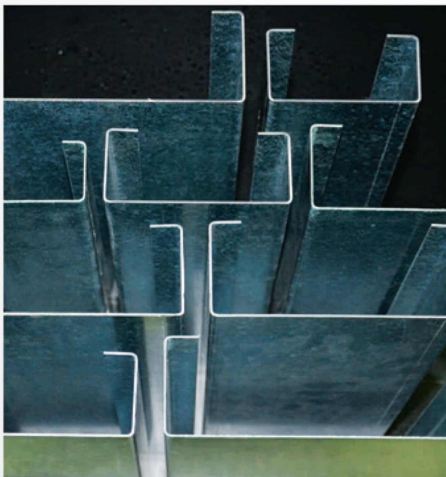
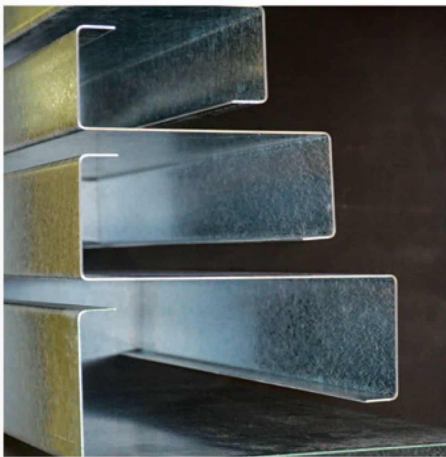


### C PURLINS

Thickness	H	B1	B2	C	Weight Kg/Mtr
1.2	100	50	50	15	2
1.5	100	50	50	15	2.5
1.2	125	50	50	15	2.23
1.5	125	50	50	15	2.79
1.5	150	65	65	18	3.51
2	150	65	65	18	4.67
1.5	200	75	75	20	4.38
2	200	75	75	20	5.84

### Z PURLINS

Thickness	H	B1	B2	C	Weight Kg/Mtr
1.2	100	50	52	15	2.06
1.5	100	50	52	15	2.58
1.2	125	50	52	15	2.3
1.5	125	50	52	15	2.87
1.5	150	65	67	18	3.59
2	150	65	67	18	4.79
1.5	200	75	77	20	4.46
2	200	75	77	20	5.95







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR CHAIN LINK FENCING NETS

**Material:** Galvanized iron wire they are also available in coated PVC.

**Weaving:** Woven diamond pattern provides strong, durable and flexible construction. Chain links are the most suitable fencing nets for both residential and industrial purposes. Chain link fencing nets are still considered to be one of the most effective methods for providing security and access control. The popularity of chain-link fence is due to its relatively low cost. A further advantage is that, due to the open weave, chain-link fences are transparent and do not obscure sunlight from either side of the fence.

**Uses:** Diamond mesh is used as fencing for sports field, river banks, construction and residence, also animal fencing.

**Features of Chain link includes the following:**

- It is long-lasting as it resists corrosions due to weather
- It provides security and protection
- Can be easily customized for special jobs and purposes
- Can be availed in different sizes suitable for your needs
- Minimum requirement of maintenance

المادة: سلك حديدي مغلفن. تتوفر أيضاً بأنماط كلوريد متعدد الفينيل مكنسية.

النسج: يوفر نمط الماسية المنسوجة إنشاء قوي ومتمين ومرن. والربطات التسلسلية مناسبة لأقصى درجة لشبكات التسوير للأغراض السكنية والصناعي على حد سواء. ومزالت شبكات التسوير المترابط التسلسلي تعتبر كواحد من الأساليب الفعالة لأبعد حد لتوفير الأمن والسيطرة على الوصول. ويعود الفضل في شهرة التسوير المترابط التسلسلي لتكلفته المنخفضة نسبياً. والميزة الأخرى أيضاً هي أن الأسوار الترابطية شفافة، بسبب النسج المفتوح، ولا تحجب ضوء الشمس من أي جانب من السور.

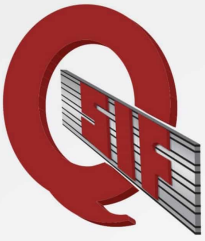
الاستعمالات: تستخدم الشبكة الماسية كتسوير للميادين الرياضية وضاف النهر والإنشاءات والمباني السكنية وتسوير حظائر الحيوانات أيضاً.

تشمل مزايا الربط التسلسلي ما يلي:

- يبقى لفترة طويلة ويقاوم عوامل التآكل بسبب الطقس
- يوفر الأمن والحماية
- يمكن تكييفه حسب الطلب بسهولة لتلبية أعمال وأغراض خاصة
- يمكن توفيره بأحجام مختلفة مناسبة لاحتياجاتكم
- يتطلب أدنى درجة من الصيانة



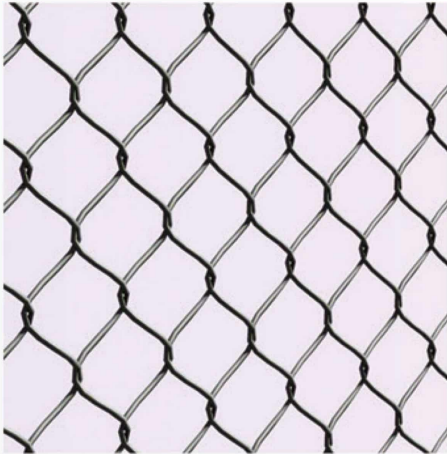
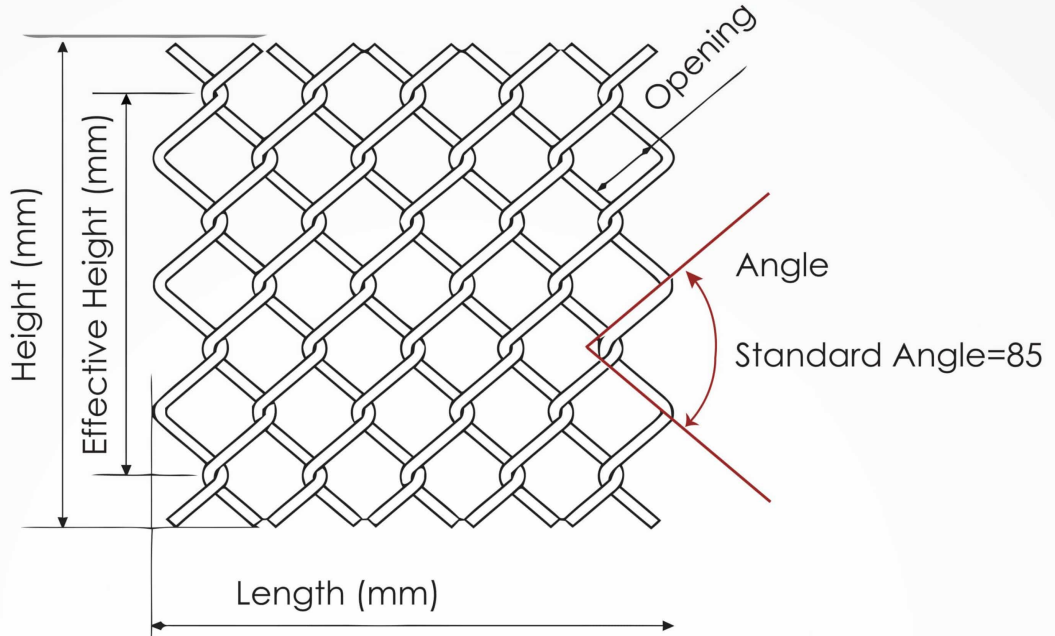




**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR CHAIN LINK FENCING NETS

## TECHNICAL DATA SHEET



### AVAILABLE SIZES

Thickness	2 mm	3 mm	2 mm	3 mm	2 mm	3 mm
	Length of Roll	22.5 meter		22.5 meter		22.5 meter
Width of Roll	1.5 meter		1.8 meter		2.4 meter	
Mesh Sizes	75 x 75 mm		75 x 75 mm		75 x 75 mm	
	65 x 65 mm		65 x 65 mm		65 x 65 mm	
	50 x 50 mm		50 x 50 mm		50 x 50 mm	
	25 x 25 mm		25 x 25 mm		25 x 25 mm	







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR PRE-GALVANIZED TUBES/PIPES STRUCTURAL SOLUTIONS

The Pre Galvanized Pipes made using qualitative steel are pre coated with zinc that further adds to the strength of the metal and its resistance towards corrosion. These are available in several lengths, sizes and thickness as per the requirements of our customers. The pipe is made from the finest metal, making it corrosion resistant and robust in design. We give due emphasis on providing dimensionally uniform pipes, which are manufactured with precision and accuracy. We go through several quality checks before making our pre galvanized pipes available in the market.

**Available Shapes:** Round, Rectangular & Square

**Uses:** Such pipes can be utilized in numerous ways – they can be used to support columns and trusses, storage systems, highway guardrails and so on.

**Standard:** St 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, Grade A, B & C.

**List of features includes:**

- Consistent physical features prevent any drastic variations or fabrication
- The product is well tested with Excellent machinability and high strength
- Insured and tested for quality assurance
- High resistance to torsional loading
- Excellent surface condition
- Wide variety of shapes and wall thicknesses are available
- Ready and available in our stocks in lengths of 6 meters

الأنابيب المغلفنة والمصنوعة من الحديد النوعي مغطاة بمادة الزنك الذي يضيف بدوره قوة للمعدن ومقاومته للتآكل. وتتوفر هذه الأنابيب بأطوال وأحجام وسماكة متعددة حسب احتياجات عملائنا. الأنابيب مصنوعة من أنقى معدن، مما يجعله مقاوم للتآكل ومتميز في التصميم. ونركز بعناية فائقة على موضوع تقديم أنابيب متناسقة من ناحية البعد والتي تصنع بإتقان ودقة صارمين. كما نقوم بإجراء فحوصات جودة متعددة قبل طرح الأنابيب المغلفنة لدينا في السوق.

**الأشكال المتوفرة:** دائرية ومستطيلة ومربعة

**الاستعمالات:** يمكن استخدام مثل تلك الأنابيب بطرق متعددة- حيث يمكن استخدامها لدعم الأعمدة والجمالونات وأنظمة التخزين وحواجر الحماية على الطرق السريعة وحواليك.

**المعيار:** معيار 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, درجة أ، ب، ج.

**تشمل قائمة المزايا ما يلي:**

- تمنع الخصائص الفيزيائية الثابتة أي تغيير أو تزييف صناعي جذري
- المنتج خاضع لاختبارات بشكل صارم ويتمتع بقابلية تشغيل ممتازة وقوة عالية
- مضمون ومختبر لغرض ضمان الجودة
- مقاومة عالية للتحميل الالتوائي
- وضع سطحي ممتاز
- يتوفر بتشكيلة واسعة من الأشكال والسماكة
- جاهز ومتوفر في مخون بضاعتنا بأطوال من 6 أمتار

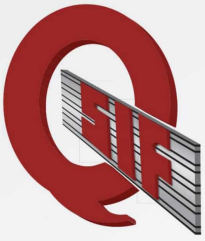


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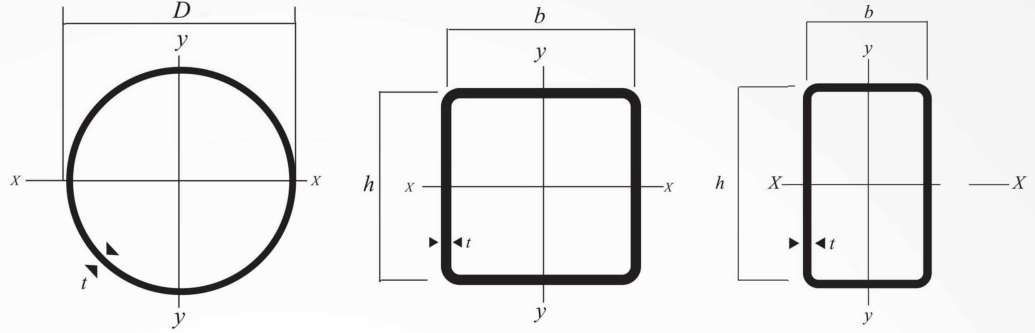




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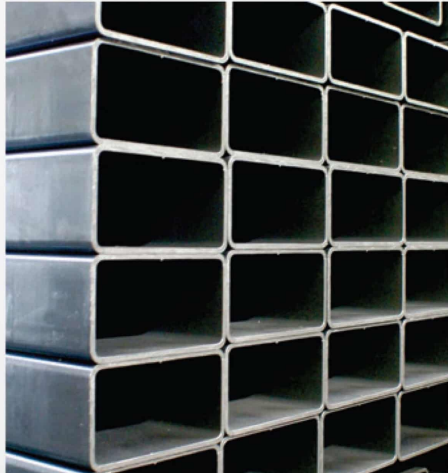
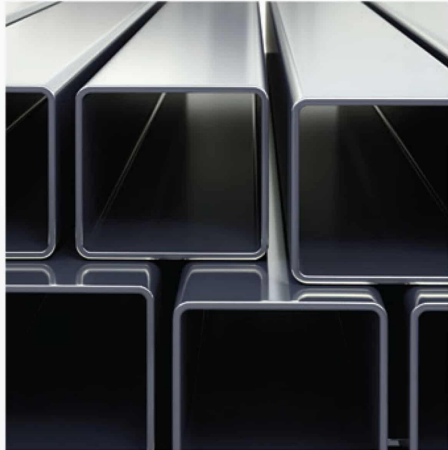
# QATAR PRE-GALVANIZED TUBES/PIPES STRUCTURAL SOLUTIONS

## TECHNICAL DATA SHEET



### SOME ATTRIBUTES OF PRE-GALVANISED TUBES-PIPES

Paintability	Excellent
Formability	Good
Weldability	Good
Exterior Corrosion	Good
Interior Corrosion	Poor
Uniform Finish	Good



### TABLE FOR THEORETICAL WEIGHT IN KG/M

Normal Bore		Outside Diameter in mm	Wall Thickness in mm						
inches	mm		1.20	1.50	2.00	2.50	3.00	3.50	4.00
1/2"	15	21.3	0.594	0.732	0.951	1.158	1.353	x	x
3/4"	20	26.9	0.760	0.939	1.227	1.503	1.766	x	x
1"	25	33.7	0.961	1.190	1.562	1.922	2.269	2.604	2.927
1.1/4"	32	42.4	1.218	1.511	1.991	2.458	2.912	3.354	3.784
1.12"	40	48.3	1.392	1.730	2.281	2.821	3.348	3.863	4.366
2"	50	60.3	1.747	2.173	2.873	3.560	4.235	4.898	5.548
2.1/2"	65	76.1	2.214	2.757	3.651	4.533	5.403	6.260	7.105
3"	80	88.9	2.593	3.230	4.282	5.322	6.349	7.364	8.367
4"	100	114.3	3.344	4.169	5.533	6.886	8.226	9.554	10.870

Note: While calculating weight per meter, Zinc weight is not considered.

### CHEMICAL PROPERTIES

Elements	Composition %	
	I	II
Carbon, max	0.15	0.25
Manganese, max	0.60	-
Phosphorus, max	0.035	0.10
Sulfur, max	0.045	0.04

### TENSILE PROPERTIES

	I	II
Tensile strength, min, psi, [MPa]	45000 [310]	55000 [380]
Yield strength, min, psi, [MPa]	33000 [230]	40000 [275]

Dimensional Properties as per ASTM A500 standard.





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR

## MS HOT/COLD ERW RECTANGULAR HOLLOW STRUCTURAL SOLUTIONS

Rectangular Hollow structural tubes are manufactured from flat steel strips which are formed by continuous sets of rolls. The strips of the edges are heated at big induction welders and then forged together through the welding rolls. Therefore they are produced into longitudinal welds without any filler metals. Then, weld tubes are cooled down and processed through sizing rolls rectangular tubes.

**Standard:** St 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, Grade A, B & C.

**Uses:** There is huge scope of this standard – The tubes can be used to support columns and trusses, storage systems, highway guardrails and so on.

#### List of features includes:

- Consistent physical features prevent any drastic variations or fabrication
- The product is well tested with excellent machinability and high strength
- Insured and tested for quality assurance
- High resistance to torsional loading
- Excellent surface condition
- Wide variety of shapes and wall thicknesses are available
- Ready and available in our stocks in lengths of 6 meters

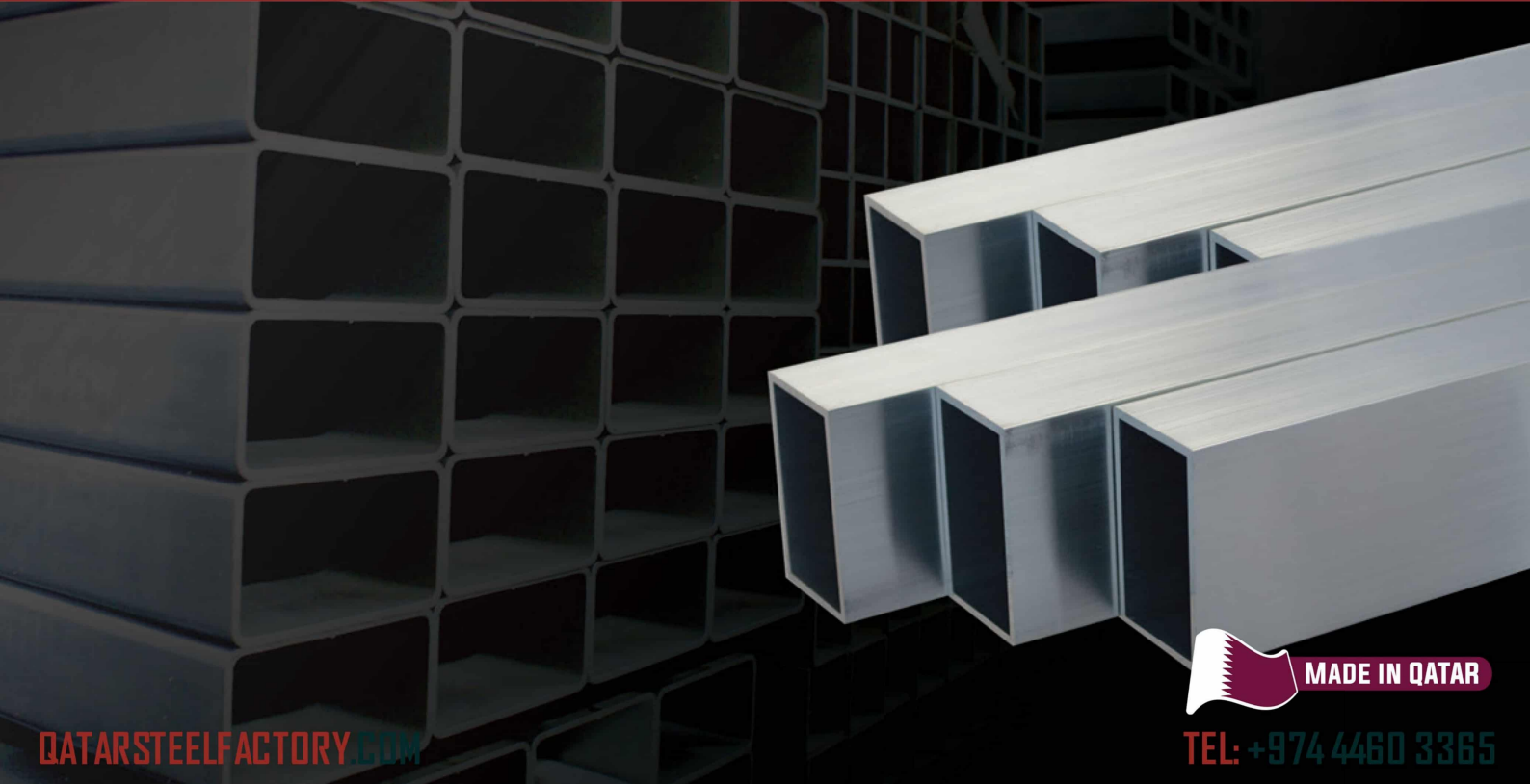
تشكل الأنابيب المستطيلة المفرغة من الداخل من شرائط حديدية مسطحة يتم تشكيلها من خلال مجموعة مستمرة من اللفافات. يتم تسخين شرائط الحواف في آلات لحم محفزة كبيرة ومن ثم ضمها معاً في لفافات اللحم ويتم إنتاجها في لفات طولية بدون أية معادن للحشو. ومن ثم يتم تبريد أنابيب اللحم وإخضاعها لآلات اللف للتجيم وإنتاج الأنابيب المستطيلة.

الاستعمالات: هنا نطاق كبير لهذا المعيار- حيث يمكن استخدام هذه الأنابيب لحعم الأعمدة والجمالونات وأنظمة التخزين ودواجز الحماية على الطرق السريعة ودواليك.

المعيار: معيار 12 [ASTM A1008], CS, DS (DIN 1623), درجة أ، ب، ج.

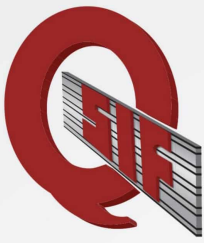
#### تشمل قائمة المزايا ما يلي:

- تمنع الخصائص الفيزيائية الثابتة أي تغيير أو تزييف صناعي جذري
- المنتج خاضع لاختبارات بشكل صارم ويتمتع بقابلية تشغيل ممتازة وقوة عالية
- مضمون ومختبر لغرض ضمان الجودة
- مقاومة عالية للتحميل الالتوائي
- وضع سطحي ممتاز
- يتوفر بتشكيلة واسعة من الأشكال والسماكة
- جاهز ومتوفر في مخون بضاعتنا بأطوال من 6 أمتار



MADE IN QATAR





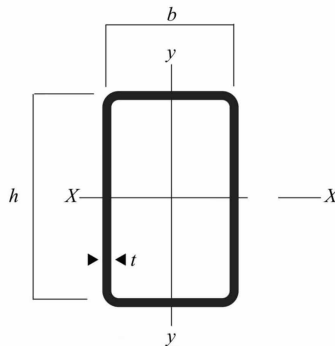
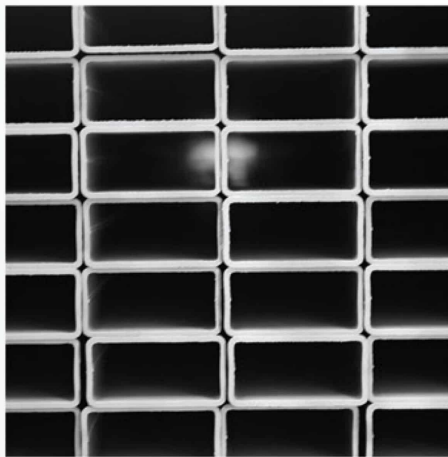
**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR MS HOT/COLD ERW RECTANGULAR HOLLOW STRUCTURAL SOLUTIONS

## TECHNICAL DATA SHEET

TABLE FOR THEORETICAL WEIGHT IN KG/M

Size in Inches	Wall Thickness in mm									
	1.20	1.40	1.50	4.80	2.00	2.50	2.80	3.00	3.50	4.00
15x15	0.520	0.598	0.636	0.746	0.816	x	x	x	x	x
16x16	0.558	0.642	0.683	0.803	0.879	x	x	x	x	x
19x19	0.671	0.774	0.824	0.972	1.068	1.295	x	x	x	x
20x20	0.708	0.818	0.871	1.029	1.130	1.374	1.512	1.601	x	x
25x25	0.897	1.037	1.107	1.311	1.444	1.766	1.952	2.072	x	x
30x30	1.085	1.257	1.342	1.594	1.758	2.159	2.391	2.543	2.912	3.266
40x40	1.462	1.697	1.813	2.159	2.386	2.944	3.271	3.485	4.011	4.522
50x50	1.839	2.136	2.284	2.724	3.014	3.729	4.150	4.427	5.110	5.778
60x60	2.216	2.576	2.755	3.289	3.642	4.514	5.029	5.369	6.209	7.034
75x75	2.781	3.235	3.462	4.137	4.584	5.691	6.348	6.782	7.858	8.918
80x80	2.969	3.455	3.697	4.420	2.898	6.084	6.787	7.253	8.407	9.546
90x90	3.346	3.895	3.697	4.985	5.526	6.869	7.667	8.195	9.506	10.802
100x100	3.723	4.334	4.639	5.550	6.154	7.654	8.546	9.137	10.605	12.058



### CHEMICAL PROPERTIES

Elements	Composition %	
	Grade A&B	Grade C
Carbon, max		
Manganese, max	Product Analysis	
Phosphorus, max	0.30	0.27
Sulfur, max	1.40	1.40
	0.045	0.045
	0.045	0.045

### RECTANGULAR TUBES

Size in mm	Wall of Thickness in mm	
	1.20	1.50
15x30	0.801	0.988
20x40	1.084	1.340
25x50	1.366	1.693
30x60	1.648	2.046
40x70	2.024	2.516
40x80	2.212	2.751
50x100	2.777	3.457

### TENSILE PROPERTIES

	Grade A	Grade B	Grade C
Tensile strength, min, psi, [MPa]	45000 [310]	58000 [400]	62000 [425]
Yield strength, min, psi, [MPa]	39000 [270]	46000 [315]	50000 [345]

Dimensional Properties as per ASTM A500 standard



**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
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# QATAR

## MS ERW ROUND HOLLOW COLD/HOT STRUCTURAL SOLUTIONS

MS ERW Round Structural Pipes also known as round steel tubes, are a common type of steel section which are made either from hot rolled, cold rolled or pre-galvanized steel strips formed by a continuous set of rolls. The slit strip of steel coil goes through a forming and sizing section in a normal cold forming steel mill. The mill consists of a number of passes through which the sheet is gradually formed by pass bending the steel sheet more on each pass. This is done until the two ends of the steel is pressed together and then welded inline. The strips of carbon steel are heated at the edge and welded together forming into longitudinal welds, without any filler metals. Then, weld tubes are cooled down and processed through sizing rolls into round tubes.

**Uses:** There are many advantages and uses of such pipes – they can support columns and trusses, storage systems, highway guardrail construction of bridges, commercial and residential building, and all other structural purposes.

**Standard:** St 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, Grade A, B & C.

#### List of features includes:

- Consistent physical features prevent any drastic variations or fabrication
- The product is well tested with Excellent machinability and high strength
- Insured and tested for quality assurance
- High resistance to torsional loading
- Excellent surface condition
- Wide variety of shapes and wall thicknesses are available
- Ready and available in our stocks in lengths of 6 meters

Our tube ranges are equivalent to European and Japanese standards.

تعتبر الأنابيب والمواسير الهيكلية الحديدية الصلبة المعتدلة الملحومة كهربائياً والمقاومة الدائرية، والمعروفة أيضاً بالأنابيب الحديدية الدائرية، كنوع معروف من قسم الحديد والمصنعة من شرائط حديدية ملفوفة بالتسخين أو التبريد والمغلقة والمشكلة عبر مجموعة مستمرة من اللافافات. يخضع الشريط المشقوق من السلك الحديدي إلى قسم القوية والتجيم في مطحنة لتشكيل الحديد البارد الاعتيادية. وتحتوي المطحنة على عدد من الممرات يتم من خلالها تشكيل الحديد تدريجياً، ويقوم كل ممر بلي صفيحة الحديد بشكل أكثر مع كل مرور. ويتم إجراء هذه العملية لحين ضغط نهايتي الحديد معاً ومن ثم لحمها في النسق. كما يتم تسخين شرائط الحديد الكربوني في الحافة وعند أدوات اللحام معاً في لافافات اللحام وبالتالي، يتم تشكيلها في لحامات طويلة، بدون استخدام أية معادن للحشو. ومن بعد ذلك، يتم تبريد أنابيب اللحام وإخضاعها في آلات اللف للتجيم لتشكيلها كأنابيب دائرية.

**الاستعمالات:** هناك مزايا واستعمالات عديدة لمثل تلك الأنابيب - حيث يمكن استخدامها لدعم الأعمدة والجمالونات وأنظمة التخزين وحواسر الحماية على الطرق السريعة وإنشاء الجسور والمباني التجارية والسكنية ولكافة الأغراض الهيكلية الأخرى.

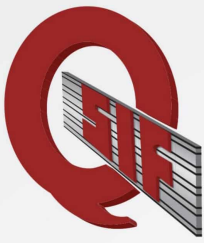
**المعيار:** معيار 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, Grade A, B & C.

تشمل قائمة المزايا ما يلي:

- تمنع الخصائص الفيزيائية الثابتة أي تغيير أو تزييف صناعي جذري
- المنتج خاضع لاختبارات بشكل صارم ويتمتع بقابلية تشغيل ممتازة وقوة عالية
- مضمون ومختبر لغرض ضمان الجودة
- مقاومة عالية للتحميل الالتوائي
- وضع سطحي ممتاز
- يتوفر بتشكيلة واسعة من الأشكال والسماكة
- جاهز ومتوفر في مخون بضائعنا بأطوال من 6 أمتار

تشكيلة الأنابيب لدينا تكافئ المعايير الأوروبية واليابانية





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR MS ERW ROUND HOLLOW COLD/HOT STRUCTURAL SOLUTIONS

## TECHNICAL DATA SHEET

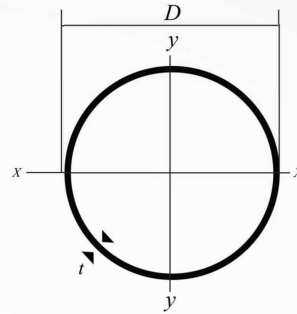
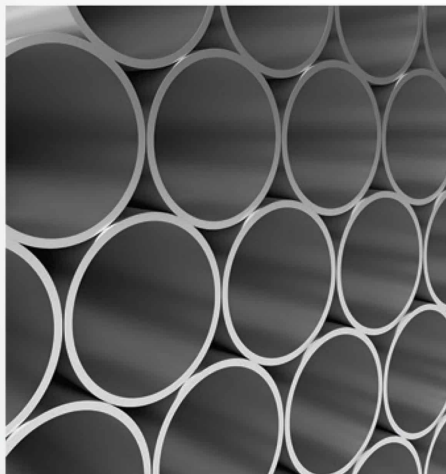


TABLE FOR THEORETICAL WEIGHT IN KG/M

Normal Bore		Outside Diameter in mm	Wall Thickness in mm									
inches	mm		1.20	1.40	1.50	1.80	2.00	2.50	2.80	3.00	3.50	4.00
1/2"	15	21.3	0.595	0.687	0.733	0.866	0.952	1.160	1.278	1.354	x	x
3/4"	20	26.9	0.761	0.881	0.940	1.115	1.229	1.505	1.665	1.769	x	x
1"	25	33.7	0.962	1.116	1.192	1.417	1.564	1.924	2.135	2.272	2.608	2.931
1.1/4"	32	42.4	1.220	1.416	1.514	1.803	1.993	2.461	2.736	2.916	3.359	3.790
1.12"	40	48.3	1.394	1.620	1.732	2.065	2.285	2.825	3.143	3.353	3.868	4.372
2"	50	60.3	1.750	2.034	2.176	2.598	2.877	3.565	3.972	4.241	4.905	5.556
2.1/2"	65	76.1	2.217	2.580	2.761	3.300	3.656	4.540	5.064	5.410	6.269	7.115
3"	80	88.9	2.593	3.022	3.234	3.868	4.288	5.329	5.948	6.358	7.374	8.378
4"	100	114.3	3.344	3.900	4.174	4.996	5.541	6.896	7.702	8.238	9.568	10.885



### CHEMICAL PROPERTIES

Elements	Composition %	
	Grade A&B	Grade C
Carbon, max	Product Analysis	
Manganese, max	0.30	0.27
Phosphorus, max	1.40	1.40
Sulfur, max	0.045	0.045
	0.045	0.045

### TENSILE PROPERTIES

	Grade A	Grade B	Grade C
Tensile strength, min, psi, [MPa]	45000 [310]	55000 [380]	62000 [425]
Yield strength, min, psi, [MPa]	33000 [230]	40000 [275]	46000 [315]

Dimensional Properties as per ASTM A500 standard





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مصنم قطر للصناعات الحديدية

# QATAR

## MS HOT/COLD ERW SQUARE HOLLOW STRUCTURAL SOLUTIONS

Square hollow tubes are cold formed and welded from either hot rolled, cold rolled or pre-galvanized. Hollow sectional structural tubes are manufactured from flat steel strips which are formed by gradually changing its shape through continuous sets of rolls. The strips of the edges are heated at big induction welders and then forged together with welding rolls. During the manufacturing process the mother tube goes through a series of shaping stands which form the round HSS (mother tube) into the final square shape.

**Uses:** The product applications are mainly used to create barriers, railings, fencing, furniture, gates, street poles and vehicles parts.

**Standard:** St 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, Grade A, B & C.

#### List of features includes:

- Consistent physical features prevent any drastic variations or fabrication
- The product is well tested with Excellent machinability and high strength
- Insured and tested for quality assurance
- High resistance to torsional loading
- Excellent surface condition
- Wide variety of shapes and wall thicknesses are available
- Ready and available in our stocks in lengths of 6 meters

تشكل الأنابيب المربعة المفرغة من الداخل بالتبريد ويتم لحمها إما بآلات اللف بالتسخين أو التبريد مع الجلفنة. وتصنع الأنابيب الميكانيكية القسمية والمفرغة من الداخل من شرائط حديدية مسطحة يتم تشكيلها بتغيير شكلها تدريجياً من خلال مجموعة مستمرة من اللفافات. يتم تسخين شرائط الحواف في آلات لحم محفزة كبيرة ومن ثم ضمها معاً باستخدام لفافات اللحم. خلال عملية التصنيع، يخضع الأنبوب الأم لسلسلة من محطات التشكيل والتي تشكل الأنبوب الدائري (الأنبوب الأم) في شكل مربع نهائي.

**الاستعمالات:** تطبيقات المنتج تستخدم بشكل رئيسي لإنشاء الحواجز والحرايز والأسيوار والأثاث والبوابات وأعمدة الشوارع وأجزاء المركبات.

**المعيار:** معيار 12 (DIN 1623), CS, DS [ASTM A1008], ASTM A500/A500M, درجة أ، ب، ج.

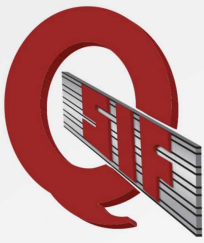
تشمل قائمة المزايا ما يلي:

- تمنع الخصائص الفيزيائية الثابتة أي تغيير أو تزييف صناعي جذري
- المنتج خاضع لاختبارات بشكل صارم ويتمتع بقبالية تشغيل ممتازة وقوة عالية
- مضمون ومختبر لغرض ضمان الجودة
- مقاومة عالية للتحميل الالتوائي
- وضع سطحي ممتاز
- يتوفر بتشكيلة واسعة من الأشكال والسماكة
- جاهز ومتوفر في مخون بضاعتنا بأطوال من 6 أمتار



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مصنع قطر للصناعات الحديدية

# QATAR MS HOT/COLD ERW SQUARE HOLLOW STRUCTURAL SOLUTIONS

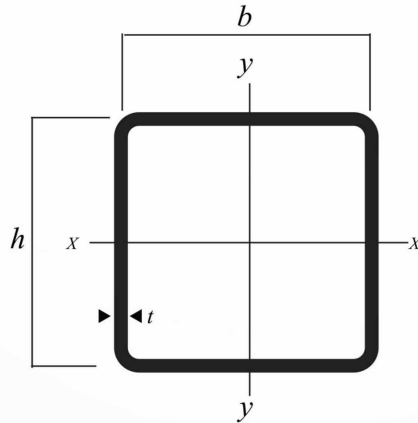
## TECHNICAL DATA SHEET

TABLE FOR THEORETICAL WEIGHT IN KG/M

ROUND TUBES/PIPES!					
Nominal Bore		Outside Diameter in mm		Wall of Thickness in mm	
inches	mm	mm		1.20	1.50
1/2"	15	21.3		0.594	0.732
3/4"	20	26.9		0.760	0.939
1"	25	33.7		0.961	1.190
1.1/4"	32	42.4		1.218	1.511
1.1/2"	40	48.3		1.392	1.730
2"	50	60.3		1.747	2.173
2.1/2"	64	76.1		2.214	2.757
3"	80	88.9		2.593	3.230
4"	100	114.3		3.344	4.169

SQUARE TUBES

Size in mm	Wall of Thickness in mm	
	1.20	1.50
15x15	0.519	0.635
16x16	0.557	0.682
19x19	0.670	0.823
20x20	0.707	0.870
25x25	0.896	1.105
30x30	1.084	1.340
40x40	1.460	1.811
50x50	1.836	2.281
60x60	2.212	2.751
75x75	2.777	3.457
80x80	2.965	3.692
90x90	3.341	4.163
100x100	3.718	4.633



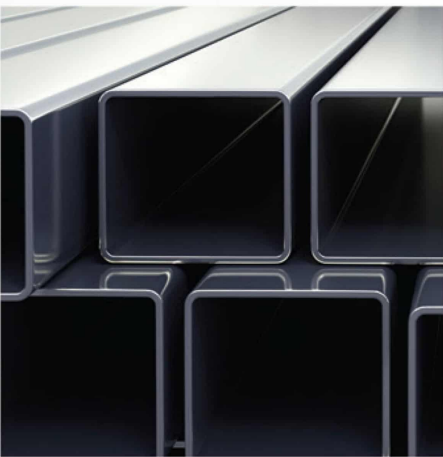
CHEMICAL PROPERTIES

Elements	Composition %
Carbon, max	0.08
Maganese, max	0.50
Phosphorus, max	0.020
Sulfur, max	0.030

TENSILE PROPERTIES

Tensile strength, min, psi, [MPa]	45000 [280]
Yield strength, min, psi, [MPa]	22000 [150]

Dimensional Properties as per ASTM A500 standard





# QATAR STEEL

INDUSTRIES FACTORY (W.L.L.)

مصنع قطر للصناعات الحديدية

FLAT PRODUCTS  
CATALOGUE



[qatarsteelfactory.com](http://qatarsteelfactory.com)





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR CHEQUERED PLATE

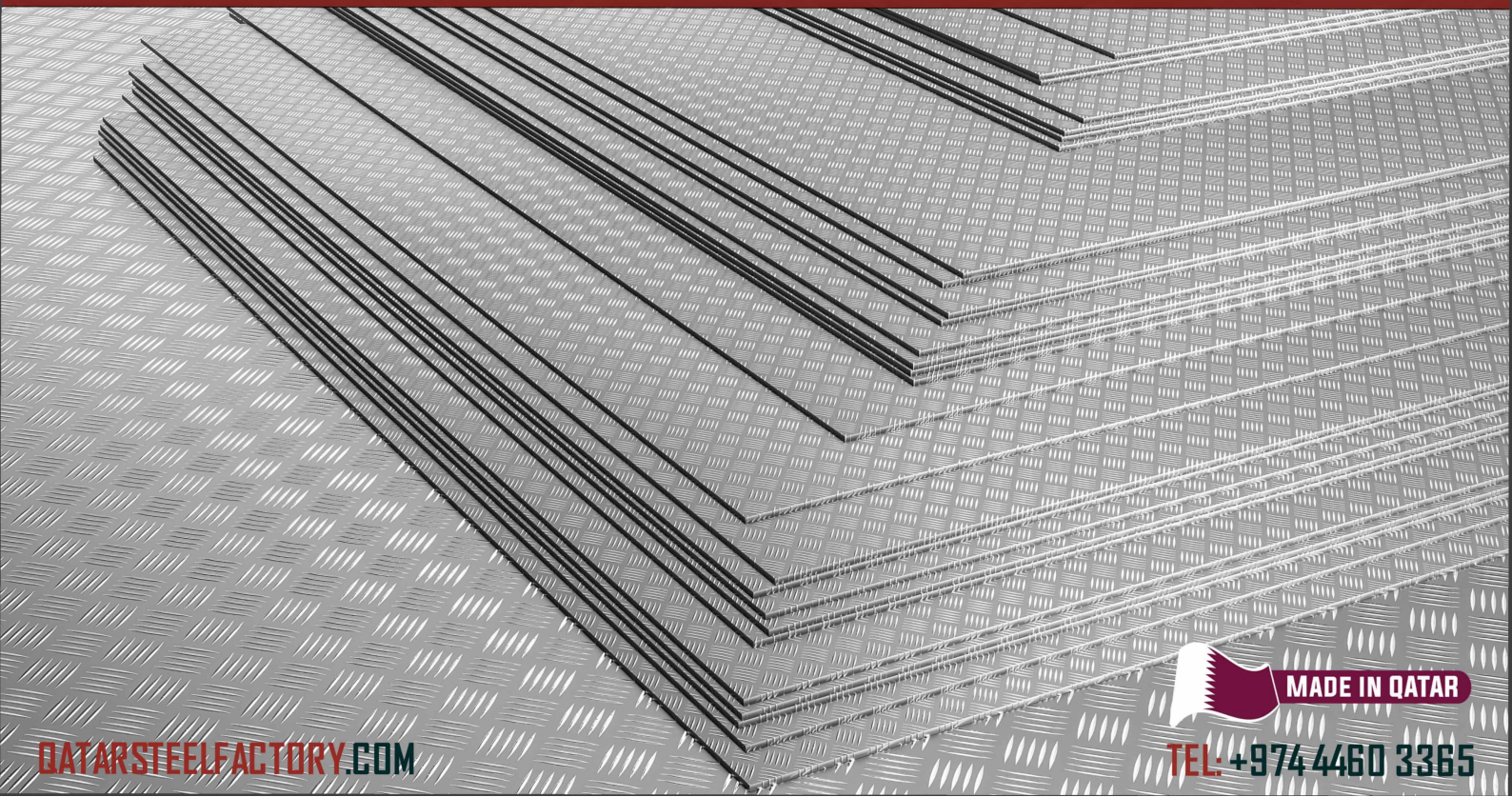
Qatar Steel Industries Factory counts itself as one of the leading chequered plate suppliers and prides itself in providing a large variety for it. Chequered plate comes under a variety of options such as hot rolled steel, stainless steel, and aluminium. Also known as tread plate or diamond plate; it is identified by a raised chequered pattern on its surface. When making a standard plate or sheet, the slabs are put through a series of large rollers and subjected under enough pressure to roll it to the desired thickness. These sheets or plates are then put through a final set of rollers that are either embossed or punched to create the chequered pattern onto the surface. This process is quick and cost-effective resulting in a very affordable product.

## The dimensions and materials used:

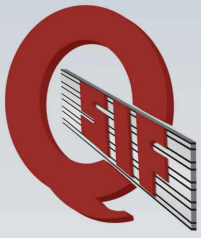
- Dimensions – These plates come in sizes of 1.00 - 2.40 metres and thickness ranges of 1.20 - 3.00 mm.
- Material – Come in the practical options of Aluminium, Mild Steel and Galvanized Iron.

## The uses and features of chequered plates are as follow:

- Vehicles and Trailers – For people who can attest to owning a truck and or a trailer, the elements can wreak havoc on footrests and doorframes. To avoid such hazards, you can find chequered plates on all essential areas that need some form of traction. These plates act as perfect anti-slip areas that allow for safe traversal.
- Safety Applications – Chequered plates are commonly used on stairs or ramps in industrial areas, as it helps to reduce the chance of slipping on the metal. Outdoor fire exits rely on chequered plates to enhance traction when the steps become slippery from sand, rain or snow. The chequered pattern creates an excellent tread, which can help reduce slips & falls while also providing an excellent form of grip to either walk on or drive over.
- Mechanical Properties – High Corrosion Resistance, High strength, excellent weldability and workability, no-slip effect and uniform quality.
- Safety Applications – Aluminium, stainless steel and hot-rolled steel-chequered plates each have unique appearances, which can be used as accents for architectural elements or furniture.







# CHEQUERED PLATES

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

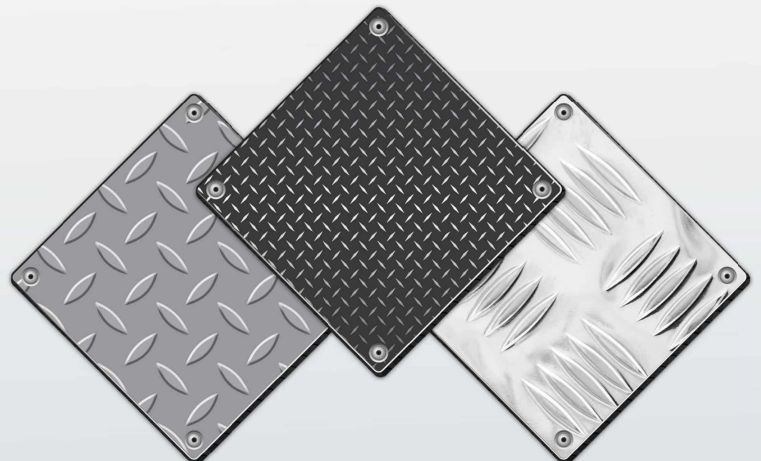


### CHEQUERED PLATE

**MATERIAL:** ALUMINIUM, MILD STEEL (MS), GALVANIZED (GI)

SIZE mtr	THICKNESS mm
1.22 X 2.44	1.20
1.22 X 2.44	1.50
1.22 X 2.44	1.60
1.22 X 2.44	1.80
1.22 X 2.44	2.00
1.22 X 2.44	2.30
1.22 X 2.44	2.50
1.22 X 2.44	2.70
1.22 X 2.44	3.00
1.22 X 2.44	3.70
1.22 X 2.44	4.00
1.22 X 2.44	4.70
1.22 X 2.44	5.00
1.22 X 2.44	6.00

SIZE mtr	THICKNESS mm
1.00 X 2.00	1.80
1.00 X 2.00	2.00
1.00 X 2.00	2.30
1.00 X 2.00	2.50
1.00 X 2.00	2.70
1.00 X 2.00	3.00







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR EXPANDED METAL SHEET

Standard expanded metal refers to the process where metal comes out of the expanding machine. While the dimensions of the expanded metal sheet will vary depending on the machine, the thickness of the metal strands and the open space between them will remain consistent and regular. The surface of this expanded metal has a slightly rounded appearance, which helps reduce the risk of wash process runoff collecting in the expanded metal basket.

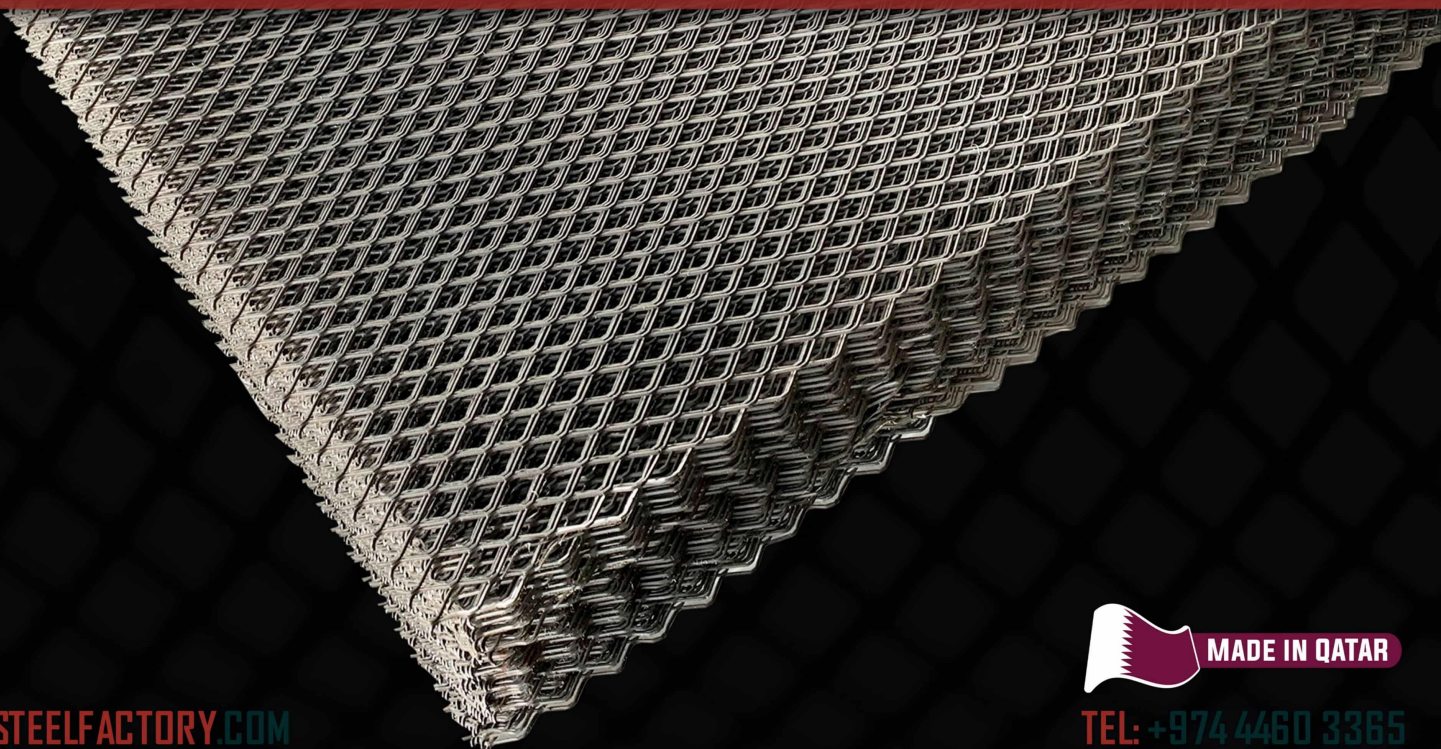
Flattened expanded metal is what is created when standard expanded metal is put through a cold roller to flatten the metal mesh out. This makes the mesh thinner, flatter, and wider and or longer. Because it is sometimes difficult to predict how much expansion will occur in the mesh during the flattening process, the resultant dimensions may vary slightly from original estimates.

**When you procure Expanded Sheets from Qatar Steel Industries Factory you get the following:**

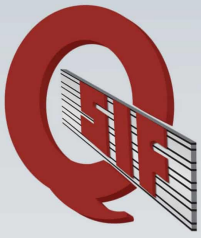
- Flexible material options of Aluminium, galvanized Iron and Mild Steel.
- Punched into different shapes like diamond, square, round, triangle and scale hole.
- Cost-effective as a small quantity of metal can be stretched into a large piece.
- The mesh design allows for light and air to move freely.
- Due to the flattening and cutting process the Expanded metals are lighter than traditional metal sheets.
- High strength as they can support weight and withstands stress better than woven metals or jointed welds.
- Efficient Process as there is very little waste when producing and processing expanded metal mesh.
- Is a good conductor of electricity, magnetic flux and heat because expanded metal is one piece.
- It acts as protective reinforcement once the metal meshes are combined with glass, concrete and other strengthening materials.

**Flattened and expanded both come in the dimensions:**

- Sizes ranging from 1/2, 3/4 and 1 inch.
- Mesh aperture long way and short way from 24x16 to 61x28 mm
- Strand width from 2.1-3.96 mm
- Strand thickness from 1.2-2 mm



**MADE IN QATAR**



# EXPANDED METAL

## TECHNICAL DATA SHEET

**QATAR STEEL**

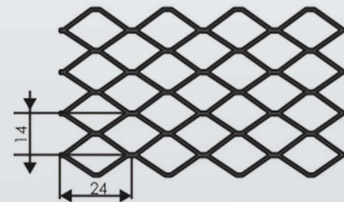
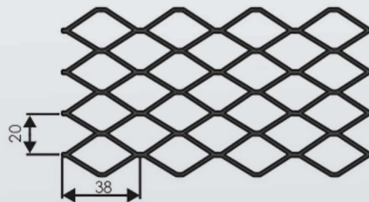
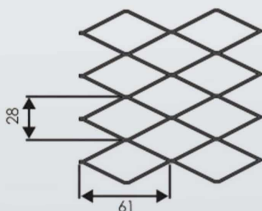
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

### FLATTENED - EXPANDED METAL

SIZE (INCHES)	MESH APERTURE LW & SW	STRAND WIDTH	STRAND THICKNESS	MATERIAL TYPE
1/2	24 x 16 mm	2.10mm / 0.083"	1.20mm / 0.048"	Mild Steel Galvanized Iron Aluminium
1/2		2.18mm / 0.086"	1.50mm / 0.060"	
1/2		2.43mm / 0.096"	2.00mm / 0.078"	
3/4	38 x 20 mm	2.59mm / 0.102"	1.20mm / 0.048"	
3/4		2.54mm / 0.100"	2.00mm / 0.077"	
3/4		3.83mm / 0.151"	3.00mm / 0.118"	
1	61 x 28 mm	2.33mm / 0.092"	1.20mm / 0.048"	
1		3.17mm / 0.125"	1.50mm / 0.060"	
1		3.96mm / 0.156"	2.00mm / 0.078"	

### STANDARD - EXPANDED METAL

SIZE (INCHES)	MESH APERTURE LW & SW	STRAND WIDTH	STRAND THICKNESS	MATERIAL TYPE
1/2	24 x 16 mm	2.10mm / 0.083"	1.20mm / 0.048"	Mild Steel Galvanized Iron Aluminium
1/2		2.18mm / 0.086"	1.50mm / 0.060"	
1/2		2.43mm / 0.096"	2.00mm / 0.078"	
3/4	38 x 20 mm	2.59mm / 0.102"	1.20mm / 0.048"	
3/4		2.54mm / 0.100"	2.00mm / 0.077"	
3/4		3.83mm / 0.151"	3.00mm / 0.118"	
1	61 x 28 mm	2.33mm / 0.092"	1.20mm / 0.048"	
1		3.17mm / 0.125"	1.50mm / 0.060"	
1		3.96mm / 0.156"	2.00mm / 0.078"	







**QATAR STEEL**  
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# QATAR GALVANIZED (GI) SHEET

Galvanized iron sheet also known as GI sheet is high quality, sustainable and cost-effective. Qatar Steel Industries Factory has become a reputed galvanized sheet supplier. Galvanization is a process where steel or iron is coated with zinc to protect and prevent the metal from rusting alongside a barrier that provides resistance to corrosion. Galvanized steel is one of our most popular products due to its extended life, strength and durability of steel, along with corrosion protection via zinc coating. Compared to other metal sheets galvanized sheets are more suited for conditions where lots of water is present, sunshine or humidity due to the longer-lasting properties provided by the galvanization and the properties of the metal itself.

## Dimensions, Thickness & Coating:

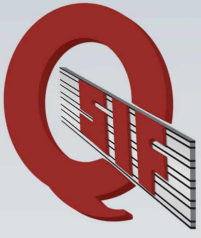
- Thickness ranges from 0.3 mm - 4 mm.
- The Width of 750 - 1200 mm.
- Anti-Corrosion coating with the range standards of 40G - 200G.
- Long Life, where a piece of industrial steel lasts for several decades requiring little to no maintenance.
- Low initial cost compared to most treated steels such as mild steel. It is immediately ready for use and does not require additional preparation of the surface, inspections, painting or coatings.
- Comes in a convenient thickness of 0.3-4 mm and a width of 750-1200 mm.
- Anti-Corrosion coating with the range standards of 40G -200G.

## Taking full advantage of these properties, the following are where galvanized metals are put to good use:

- **Telecommunication industry** – All telecom equipment from the poles to the boxes and their fixtures are made from galvanized steel. Reducing the cost of maintenance, and replacements and increasing the lifespan of the equipment
- **Construction industry** – Whether it be for residential or commercial projects, the durability of galvanized steel has made it invaluable to the construction industry. Apart from being used in making structural frames, they are used to make products such as fencing, gutters, rails, tubing, poles, balconies and much more.
- **Clean Energy Projects** - Solar as well as wind energy-based installations usually deal with equipment that requires the least amount of disruption and maintenance. galvanized steel is long-lasting, durable and protected from corrosion. Ensuring years of maintenance-free operation.
- **Agriculture Industry** – The equipment and machinery used are exposed to the elements throughout the years, experiencing not only threats from corrosion and weathering but also from wear and tear due to overuse.
- **Automotive industry** – To build and create new bodywork and commonly used within the industry to manufacture new cars.



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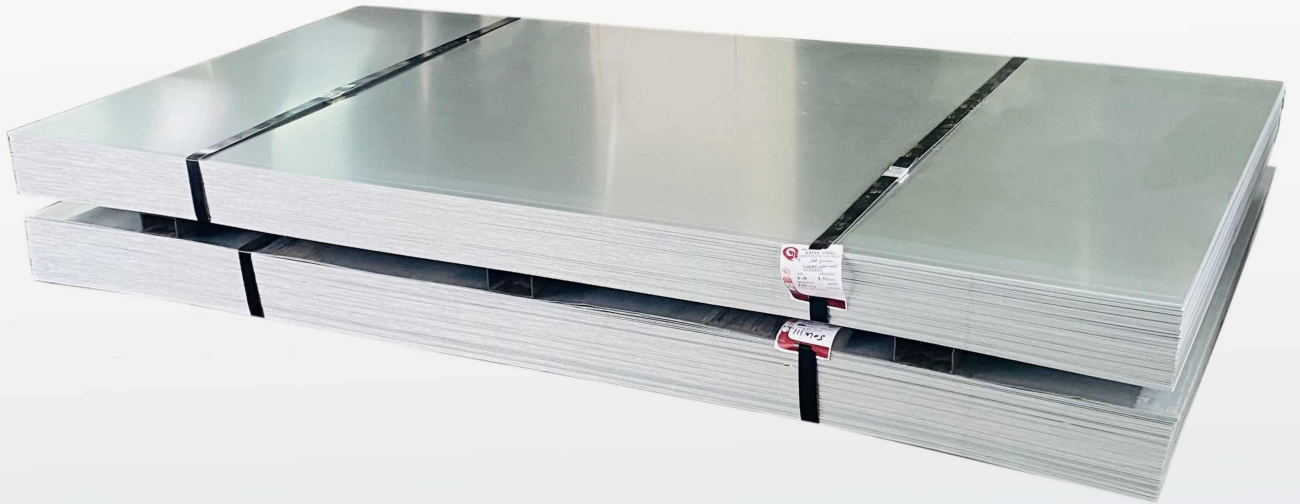
# GALVANIZED IRON SHEET

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### GALVANIZED IRON SHEETS AND PLATES

<b>THICKNESS</b>	0.30 mm - 4.00 mm
<b>MATERIALS SURFACE TREATMENT</b>	Galvanized Iron (GI)
<b>WIDTH</b>	750 mm - 1200 mm
<b>APPLICATION</b>	Construction Finish, Corrugated Panels, Drywall Panel, Profiles, Ventilation Systems and many others.
<b>GRADES AVAILABLE</b>	ASTM, EN, JIS, BIS
<b>ZINC COATING AVAILABILITY</b>	40G - 200G / m <sup>2</sup>
<b>LENGTH</b>	2440 mm







**QATAR STEEL**  
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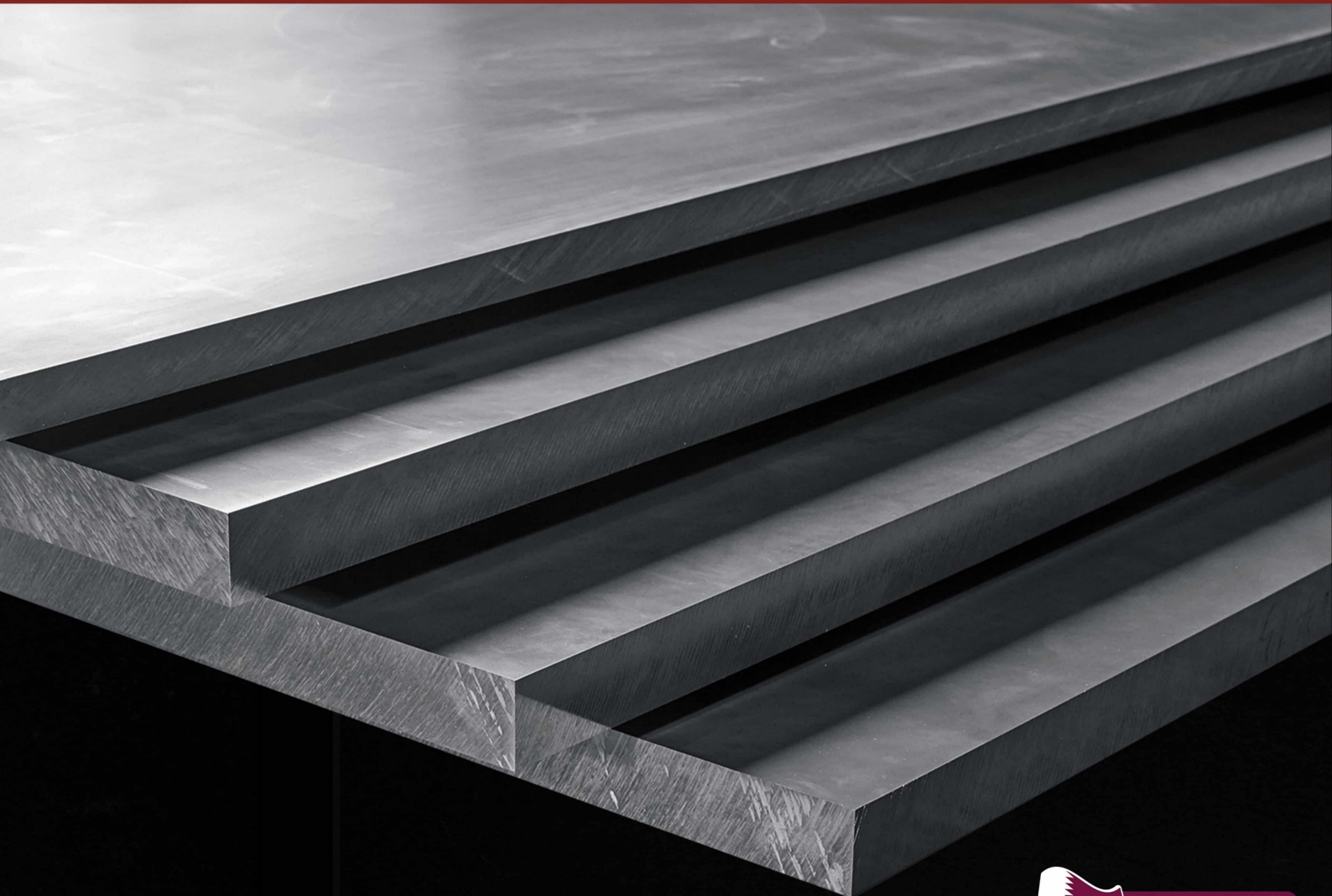
# QATAR HOT ROLL HR PLATE

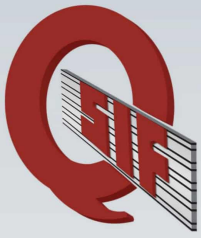
Hot rolled plate or HR Plate is manufactured in a wide range of sizes for applications varying from construction, pressure vessel and wear-resistant applications. HR steel that has been roll-pressed at very high temperatures of over 1700° or 920° is used to manufacture HR Plates and sheets. High temperature makes the steel easier to form and resulting in products that are easier to work with.

Our provided HR Plates and sheets are widely used for the welding and construction of railroad tracks and I-Beams. Each plate is treated through a hot rolling process at a high temperature. Qatar Steel Industries Factory produces HR plates from 2mm to 50mm, the specific dimension is dependent upon the customer's requirements and needs.

#### Key points of our HR Plates are as follows:

- Structural quality plate
- High hardness, weather and temperature resistance
- Low melting point
- Less ductility and excellent flexibility





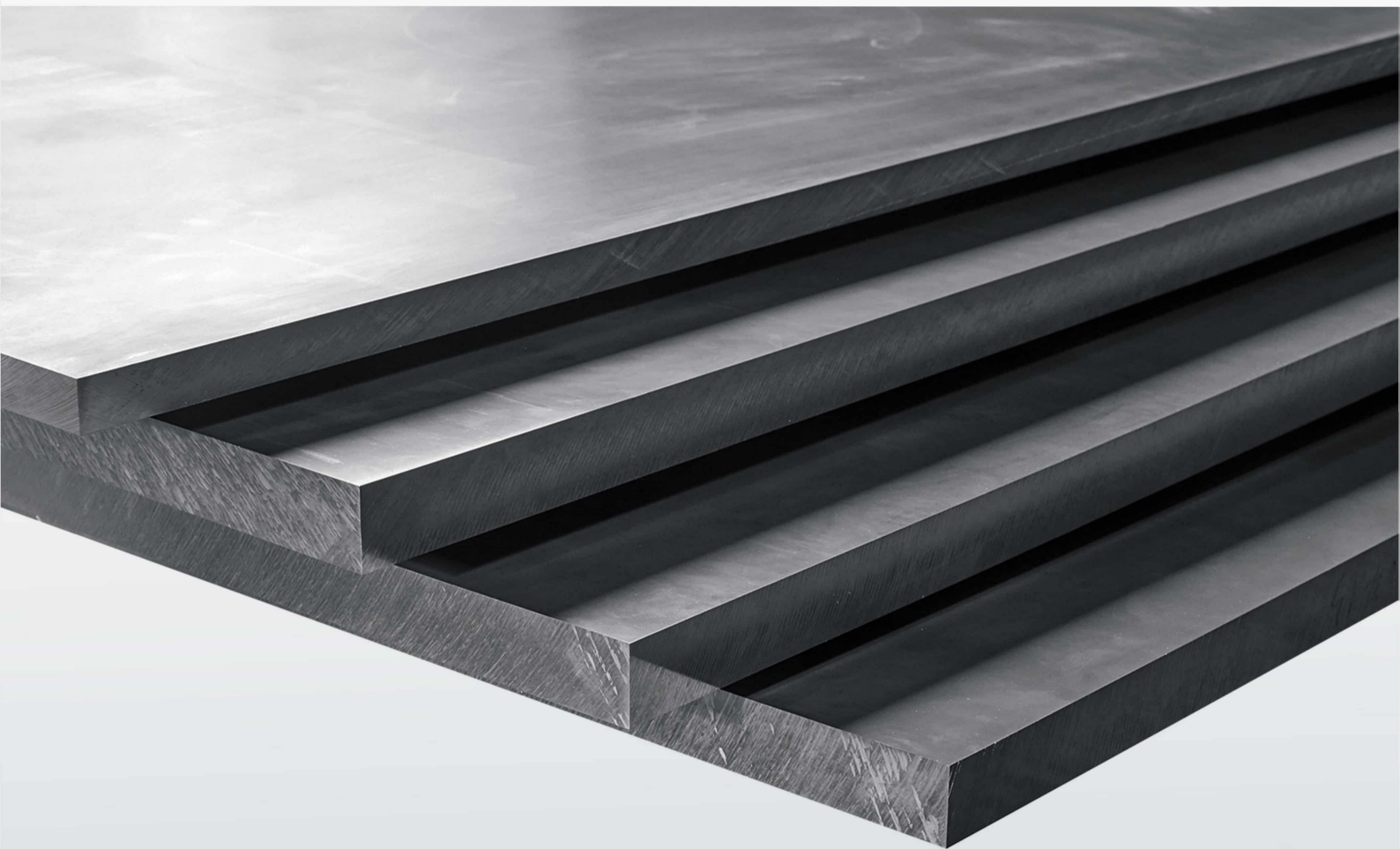
# HOT ROLLED PLATE

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### HOT ROLLED OR HR PLATE

<b>THICKNESS</b>	1.00 mm - 50.00 mm
<b>MATERIALS SURFACE TREATMENT</b>	Hot Rolled (HR)
<b>WIDTH</b>	1000 mm - 1220 mm - 1500 mm - 2000 mm
<b>APPLICATION</b>	Construction Finish, Corrugated Panels, Drywall Panel, Profiles, Ventilation Systems and many others.
<b>GRADES AVAILABLE</b>	ASTM, EN, JIS, BIS
<b>LENGTH</b>	2440 mm







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# QATAR HR MILD STEEL SHEET

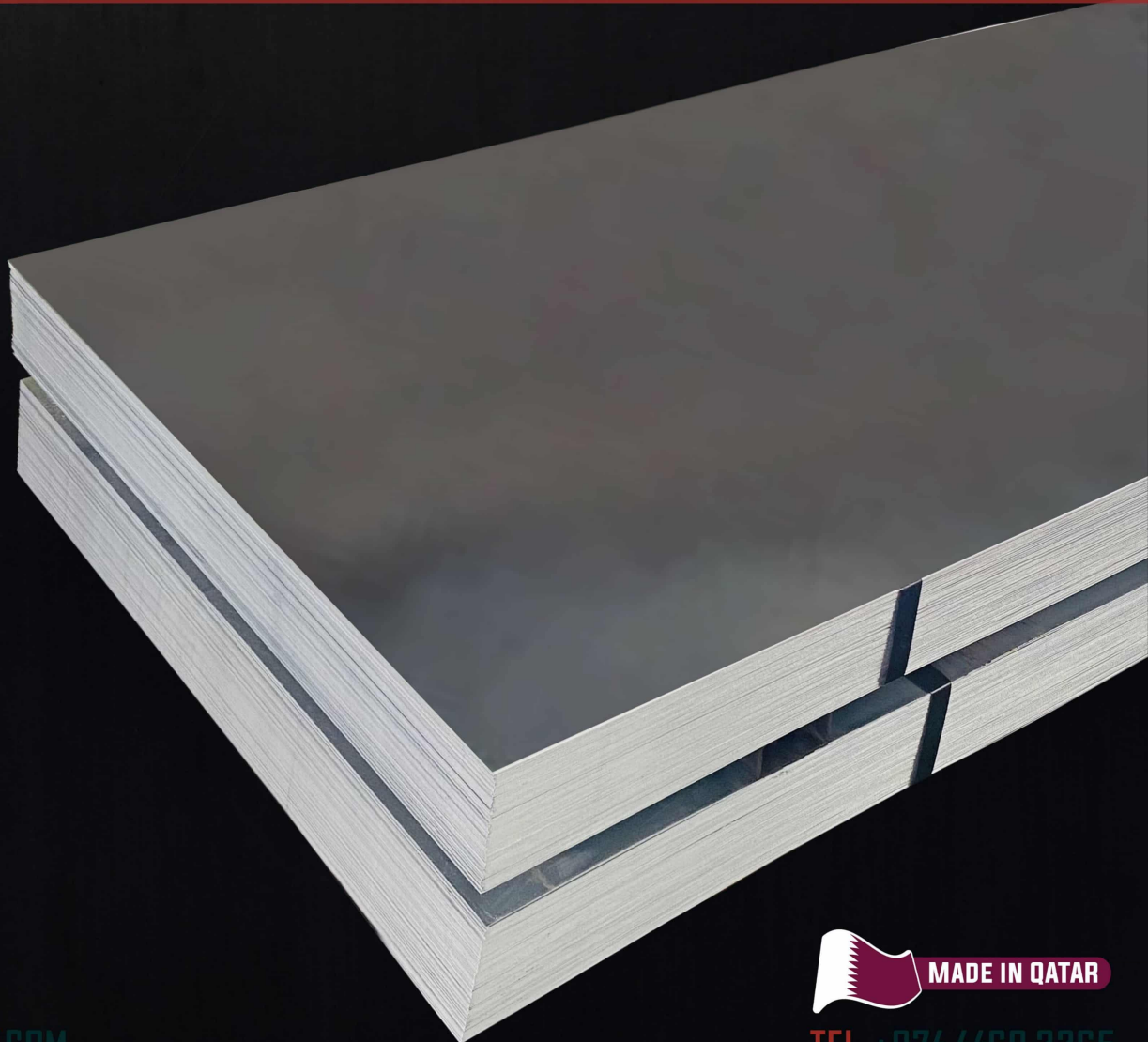
Qatar Steel Industries Factory specializes in manufacturing hot rolled mild steel sheets, which are used in structures, decorations, furniture, fencing, wires, automobiles and nails.

Mild steel is known for its low carbon content, due to which it is known as low carbon steel as well. The amount of carbon in mild steel varies from 0.05% to 0.25% by weight. Mild steel is not an alloy and therefore does not contain other elements apart from iron. Since it is majorly carbon and the alloying elements are relatively low, there are several properties that it possesses which differentiate it from higher carbon and alloy steels.

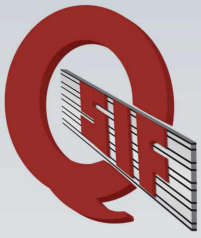
Hot rolling is a process where a material is heated and processed above the recrystallization temperature. Initially, the material is usually large pieces of metal, which is fed directly into the rolling mills at a pre-defined temperature. The metal is worked, and the temperature is kept above the recrystallization state. Hot-rolled metals in their mechanical properties and deformed states have little directionality.

**Qatar Steel Industries Factory Hot Rolled Mild Steel or MS Sheets have the following size and thickness:**

- Thickness options ranging from 0.35mm - 16 mm.
- Standard-length of 1220 mm and 2440 mm.



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# MILD STEEL SHEET

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### HR MILD STEEL SHEET (4' X 8')

S. NO.	SIZE (Width x Length x Thickness)
1	1220 x 2440 x 0.35 mm
3	1220 x 2440 x 0.50 mm
5	1220 x 2440 x 0.70 mm
7	1220 x 2440 x 1.00 mm
9	1220 x 2440 x 1.40 mm
11	1220 x 2440 x 1.80 mm
13	1220 x 2440 x 2.70 mm
15	1220 x 2440 x 3.00 mm
17	1220 x 2440 x 3.80 mm
19	1220 x 2440 x 4.70 mm
21	1220 x 2440 x 5.00 mm
23	1220 x 2440 x 5.80 mm
25	1220 x 2440 x 6.70 mm
27	1220 x 2440 x 7.80 mm
29	1220 x 2440 x 9.70 mm
31	1220 x 2440 x 10.00 mm
33	1220 x 2440 x 11.80 mm
35	1220 x 2440 x 13.80 mm
37	1220 x 2440 x 16.00 mm

S. NO.	SIZE (Width x Length x Thickness)
2	1220 x 2440 x 0.40 mm
4	1220 x 2440 x 0.60 mm
6	1220 x 2440 x 0.90 mm
8	1220 x 2440 x 1.20 mm
10	1220 x 2440 x 1.50 mm
12	1220 x 2440 x 2.00 mm
14	1220 x 2440 x 2.80 mm
16	1220 x 2440 x 3.70 mm
18	1220 x 2440 x 4.00 mm
20	1220 x 2440 x 4.80 mm
22	1220 x 2440 x 5.70 mm
24	1220 x 2440 x 6.00 mm
26	1220 x 2440 x 6.80 mm
28	1220 x 2440 x 8.00 mm
30	1220 x 2440 x 9.80 mm
32	1220 x 2440 x 11.70 mm
34	1220 x 2440 x 12.00 mm
36	1220 x 2440 x 15.80 mm

### APPLICATION

Construction Finish, Fabrication, Roofing Tile Panel, Profiles, Machinery, Automobile Industry and many others.







**QATAR STEEL**  
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# QATAR PRE-PAINTED GI SHEET

PPGI is pre-painted galvanized iron also know as pre-coated steel, coated steel, color coated steel etc. typically with a hot dip zinc coated steel substrate. The term is an extension of GI which is a traditional abbreviation for Galvanized Iron. We're leading manufacturer and suppliers of color coated coils or PPGI Sheet in the region at most competitive prices.

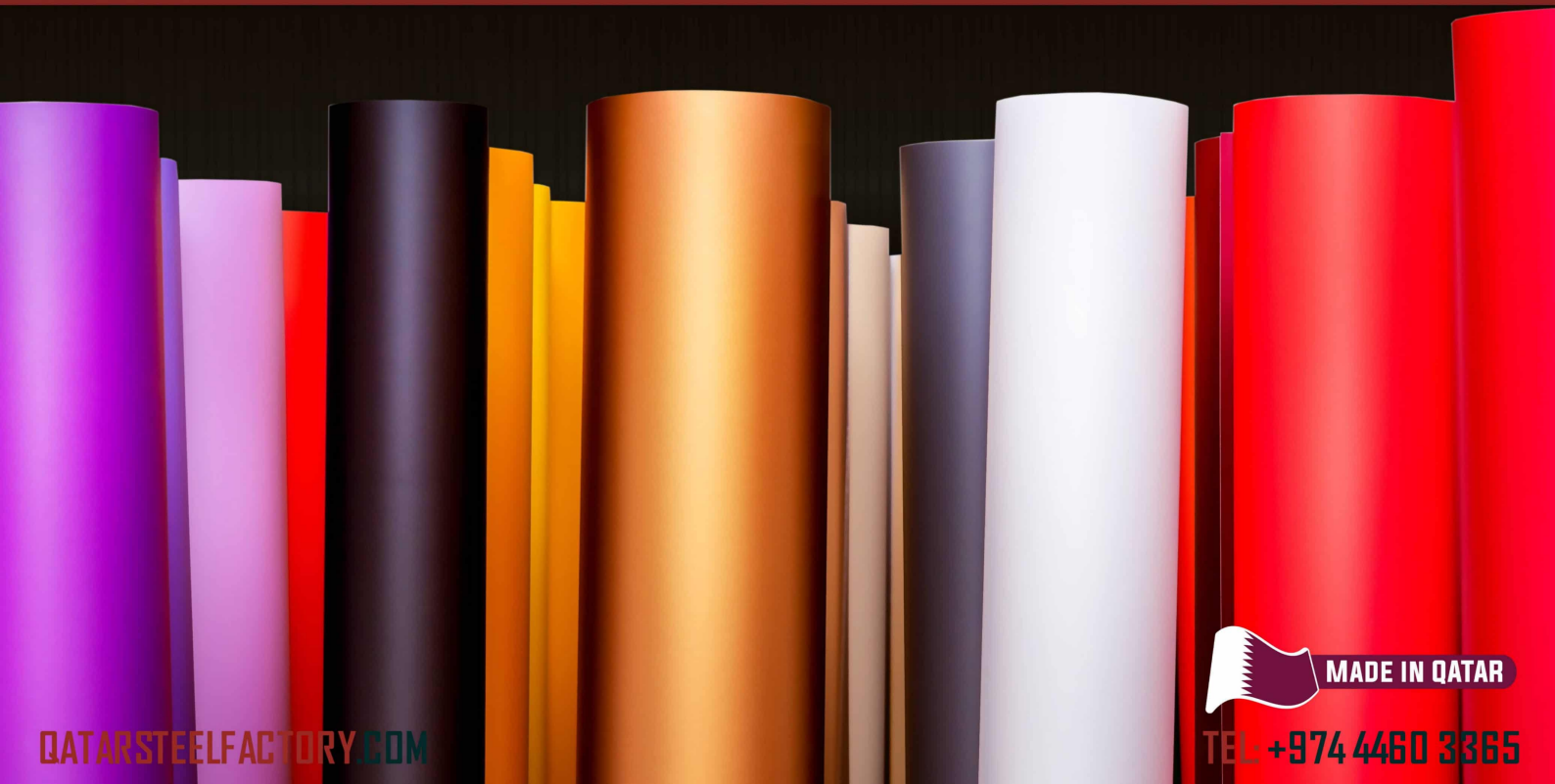
We're leading suppliers with more than 40 years of experience in PPGI, Galvanised iron (GI), Hot Rolled (HR) and Cold Rolled sheet. Color coated sheet are widely used in building, roofing, transport, home appliances, solar energy, furniture and much more. There are countless end uses for PPGI sheet. PPGI sheet exhibit high degrees of strength and dimensional accuracy for use in various manufacturing industries spanning a wide range of sectors. We offer the 0.3mm to 6.00mm thickness and 1000mm to 1250mm width of the pre-painted galvanized iron coils. Color coated coils are having highest standard of manufacturing.

#### Key features of our PPGI sheet are below:

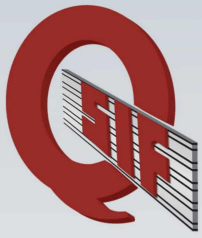
- Rust or corrosion free
- ASTM, EN, JIS, BIS standards
- 40g to 180g / m2 coating availability
- High Flexibility
- High temperature resistance

#### Available colors are below:

- White (9016)
- Red (3001)
- Dark Green (6024)
- Light Green (6021)
- Blue (5017)
- Orange (2002)
- Yellow (1016)
- Dark Beige (1001)
- Dark Purple (4005)
- Light Purple (4001)
- Light Beige (1015)
- Dark Pink (3014)
- Light Gray (7047)
- Dark Gray (7040)
- Light Green (6019)
- Light Pink (3015)



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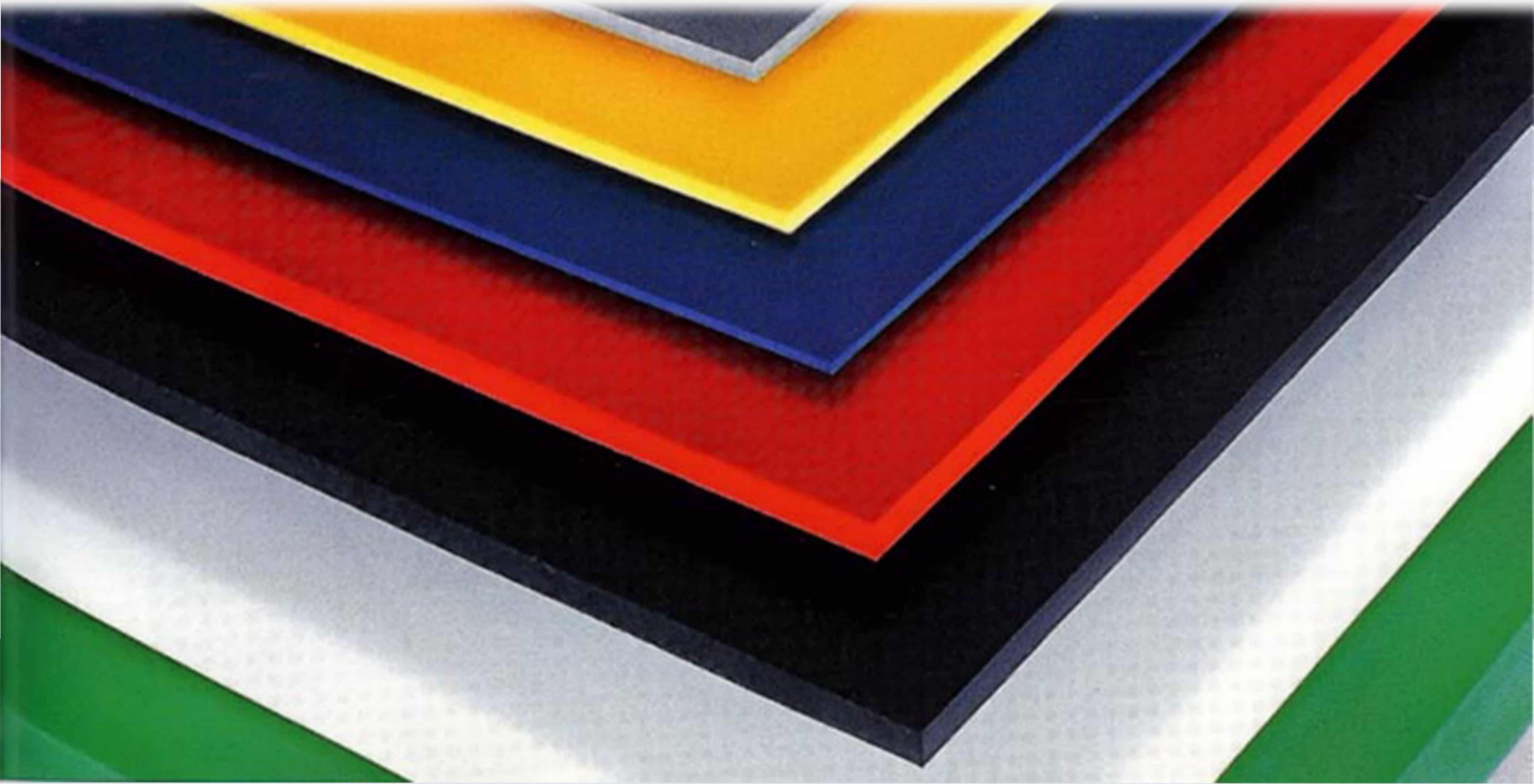
# PPGI SHEET

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### PRE-PAINTED GALVANIZED IRON PLATES AND SHEETS

<b>THICKNESS</b>	0.30 - 0.90 mm
<b>MATERIALS SURFACE TREATMENT</b>	Pre-Painted Galvanized Iron (PPGI)
<b>WIDTH</b>	1220 mm
<b>APPLICATION</b>	Construction Finish, Corrugated Panels, Drywall Panel, Profiles, Ventilation Systems and many others.
<b>GRADES AVAILABLE</b>	ASTM, EN, JIS, BIS
<b>ZINC COATING AVAILABILITY</b>	40G - 200G / m <sup>2</sup>
<b>LENGTH</b>	2440 mm







**QATAR STEEL**  
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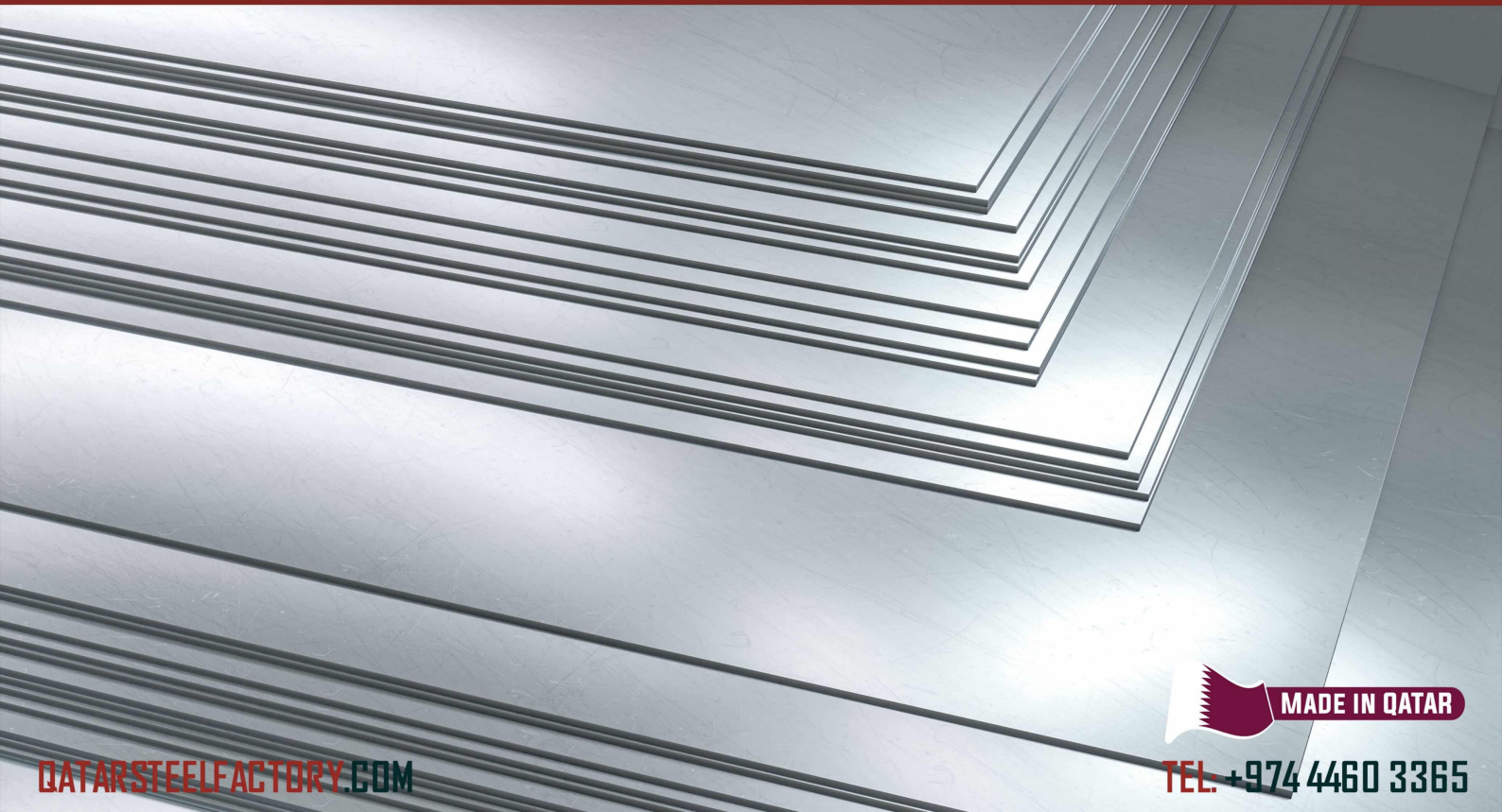
# QATAR STAINLESS STEEL SHEET

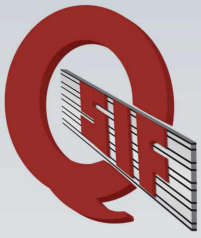
Our stainless-steel plates come in a range of thicknesses, from 0.40mm to 3.00mm, and are sized at 2440mm x 1220mm, making them perfect for a wide range of applications. Whether you're working on a construction project, manufacturing machinery or equipment or simply need durable and reliable materials for your business, our stainless-steel plates are sure to meet your needs.

## Uses:

- **Construction** – Our stainless-steel plates are perfect for use in building and construction projects, including as cladding or roofing material, due to their strength, durability, and resistance to corrosion and rust.
- **Manufacturing** – Our stainless-steel plates are commonly used in the manufacturing of machinery, equipment, and components, as they are able to withstand high temperatures and heavy loads without warping or bending.
- **Food and beverage industry** – Our stainless-steel plates are food-grade, making them suitable for use in the food and beverage industry. They are easy to clean and sanitise, ensuring that your products are safe for consumption.
- **Medical and pharmaceutical industry** – Our stainless-steel plates are also commonly used in the medical and pharmaceutical industry due to their non-reactivity and resistance to corrosion, making them ideal for use in equipment and devices that require strict hygiene standards.
- **Automotive industry** – Our stainless-steel plates are perfect for use in the automotive industry, including in the production of vehicles and components such as exhaust systems and fuel tanks, due to their durability and resistance to corrosion.

With their superior corrosion resistance, strength and durability, our stainless-steel plates are the perfect choice for use in a wide range of industries and applications. They are resistant to rust, staining and corrosion, ensuring that they will stand up to even the harshest of conditions. Plus, their sleek and modern appearance makes them ideal for use in both indoor and outdoor environments.





# STAINLESS STEEL SHEET

## TECHNICAL DATA SHEET

**QATAR STEEL**  
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### STAINLESS STEEL SHEETS AND PLATES

**GRADES:** 316 NO4 - 304 2B - 316 2B - 304 NO4 | **FINISH:** MIRROR SURFACE FINISH, MIRROR & NORMAL

THICKNESS mm	LENGTH mm	WIDTH mm	LENGTH ft	WIDTH ft
0.40	2440	1220	8'	4'
0.60	2440	1220	8'	4'
0.80	2440	1220	8'	4'
1.00	2440	1220	8'	4'
1.20	2440	1220	8'	4'
1.50	2440	1220	8'	4'
2.00	2440	1220	8'	4'
3.00	2440	1220	8'	4'

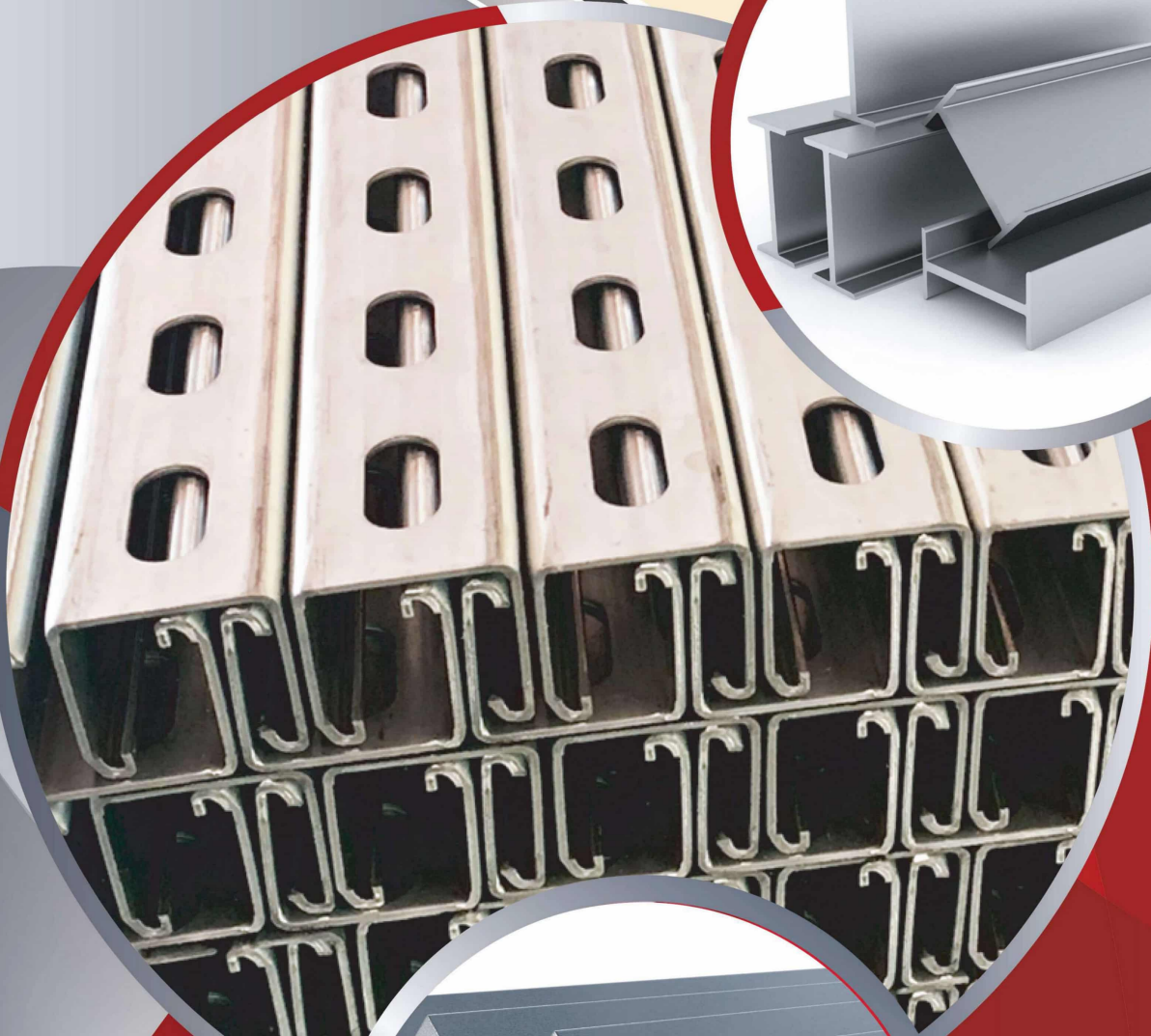
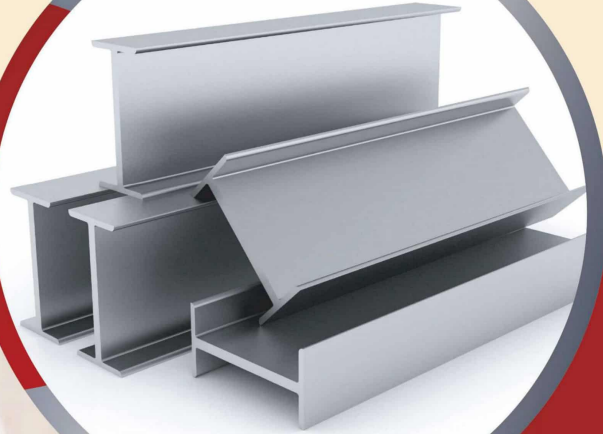




# QATAR STEEL

INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

LONG PRODUCTS  
CATALOGUE



[qatarsteelfactory.com](http://qatarsteelfactory.com)



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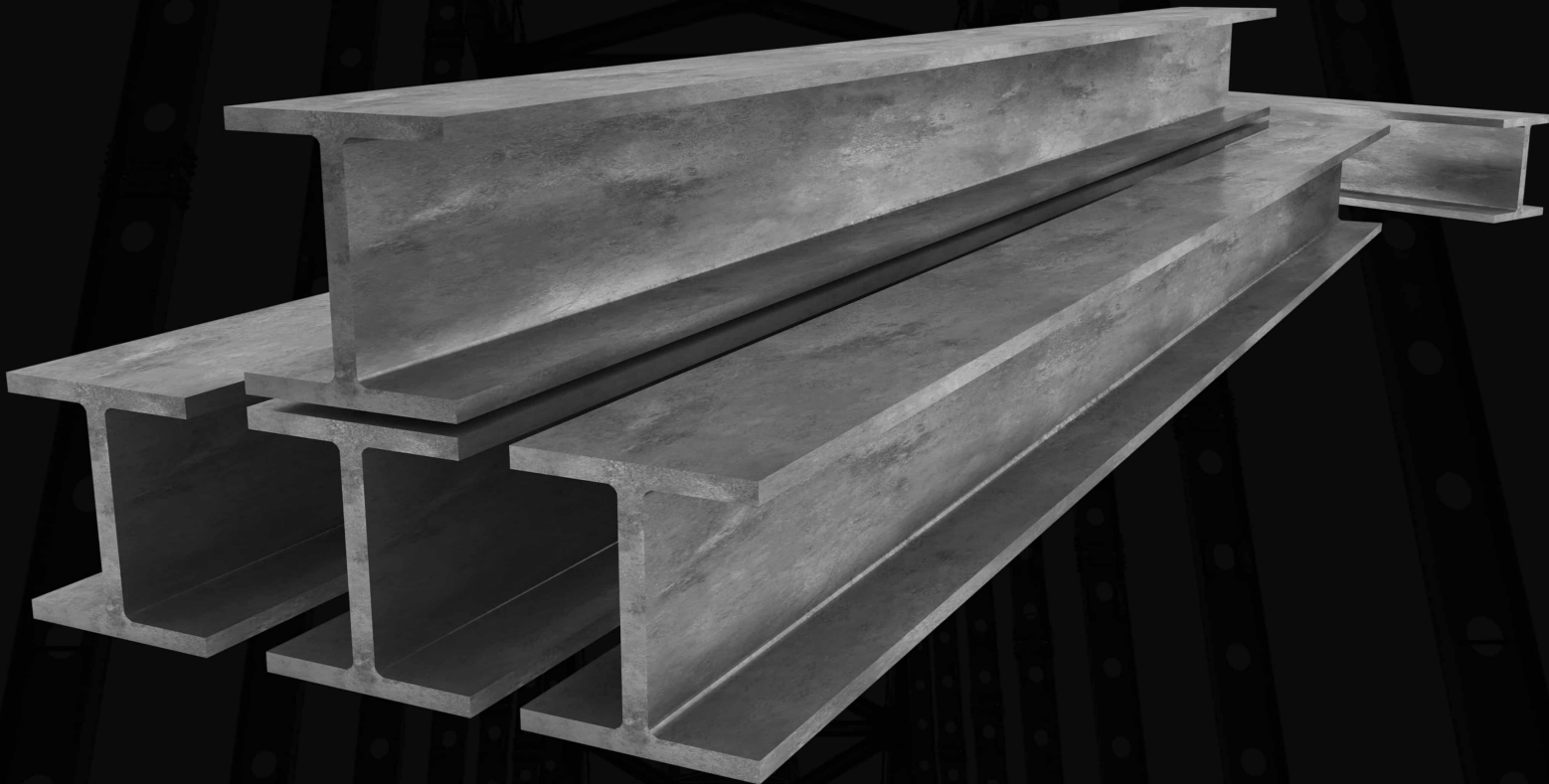
# QATAR I BEAMS OR H-BEAMS

Steel Beams or the more common name I-Beam is widely used in the construction industry and is available in a variety of standard sizes. Tables are available to allow easy selection of a suitable steel I-beam size for a given applied load.

I-Beams may be used both as beams and as columns. Qatar Steel Industries Factory manufactures the I-Beam with a steel grade of S235 and a tolerance of  $\pm 10\%$ . The depth of H starts from 100 mm and goes up to 240 mm. The width of B starts from 55 mm and goes up to 120 mm. Furthermore, we also manufacture I-beams with fully customised sizes as per the client's or project's requirements.

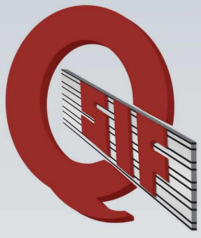
**Some advantages of our I beam are as follows:**

- The "I section beam" is useful in resisting large bending moments. It is used in construction, railway tracks etc.
- It can bear higher loads.
- Reduces the deflections.
- I-Beams give good support to structure over it.
- It reduces the load intensity on the below structure.
- Fully customised sizes are available.



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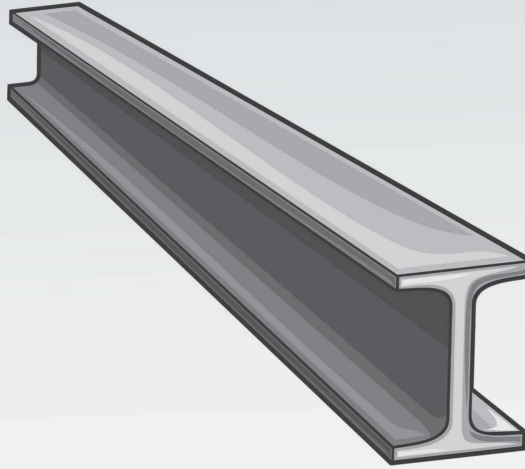




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INDUSTRIES FACTORY (W.L.L.)  
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# I BEAMS AND H BEAMS

## TECHNICAL DATA SHEET



### I-BEAMS (STRUCTURAL STEEL)

PROFILE	DEPTH (H) mm	WIDTH (B) mm	FLANGE THICKNESS (S) mm	WEB THICKNESS (T) mm	WEIGHT KG/m
IPE AA 100	100	55	4.30	3.05	7.22
IPE AA 120	120	64	4.50	3.60	9.07
IPE AA 140	140	73	5.80	3.70	10.85
IPE AA 160	160	82	5.60	3.70	13.30
IPE 180	180	91	8.15	5.50	18.75
IPE 200	200	100	7.56	5.50	22.67
IPE 200	200	100	9.00	5.90	
IPE 240	240	120	10.25	6.65	31.75

**NOTE:** Length: 6 - 12 Meter    Specification: EN10025-2:2004    Steel Grade: S235    Tolerance: ±10%

### H-BEAMS (STRUCTURAL STEEL)

S. NO.	SIZE	LENGTH	WEIGHT
1	300 x 150 x 6.50 x 9.00 mm	12 Meter	36.70 KG
2	400 x 200 x 8.00 x 13.00 mm	12 Meter	65.40 KG
3	500 x 200 x 10.00 x 16.00 mm	12 Meter	88.10 KG





**QATAR STEEL**  
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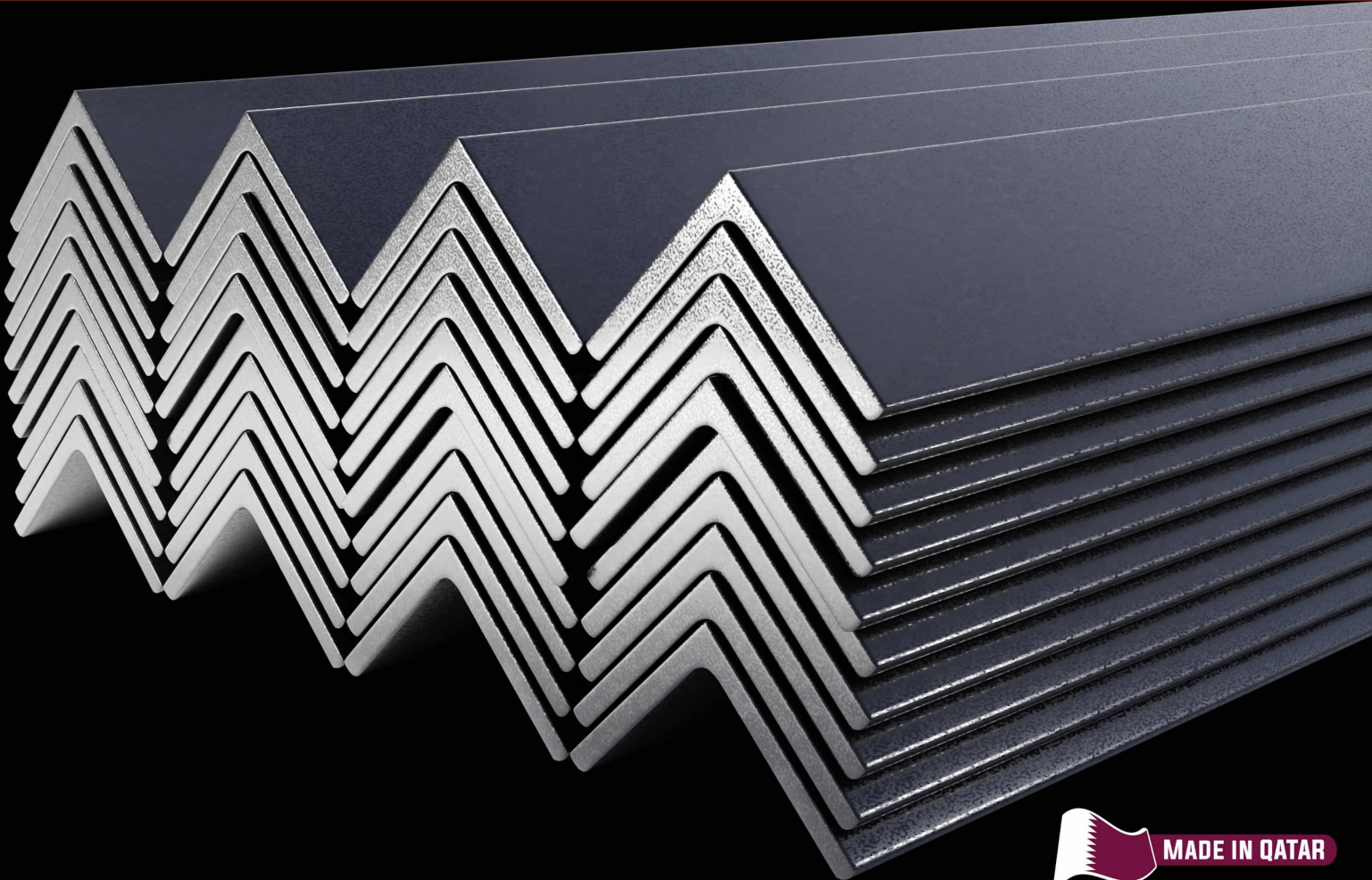
# QATAR MILD STEEL (MS) ANGLE

Mild Steel Angle Bars and Steel Angles are the most basic type of roll-formed steel. They are created by bending a single angle in a piece of low-carbon steel. That is the "L" Shaped ; which is commonly at a 90-degree angle. The legs of the "L" can be of equal or unequal length. Angles are used for various purposes in a number of industries, framing along with brackets, trim and reinforcements being a few common ones. The larger the Angle, the more stress and weight it can withstand. Containing less carbon mild steel is typically more ductile, machine-able, and weld-able. Due to the high amount of iron and ferrite, mild steel is magnetic.

This product is designed to be used in both structural applications and general fabrication. Its range of applications are wide and can include trailer manufacturing, safety cages, walkways, farming equipment, and anywhere where it is important to improve the structure's rigidity. Mild Steel Angles are available in equal legs (legs are the same length) or unequal legs (legs are different lengths). Angle is measured first by the lengths of the legs and then the thickness of the legs.

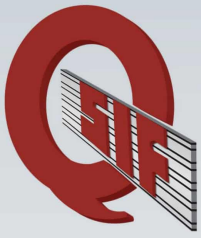
**To reiterate buying a Qatar Steel Industries Factory Mild Steel Angle you get a product that is:**

- Sturdy, flexible, machine-able, weld-able and easily formed.
- Popularly used to manufacture frames and structures.
- With fully customizable cut sizes.
- Comes in the size ranges of 25x25 to 100x100 mm and thickness ranging from 2.50 - 8.00 mm.



**MADE IN QATAR**





# MILD STEEL ANGLE

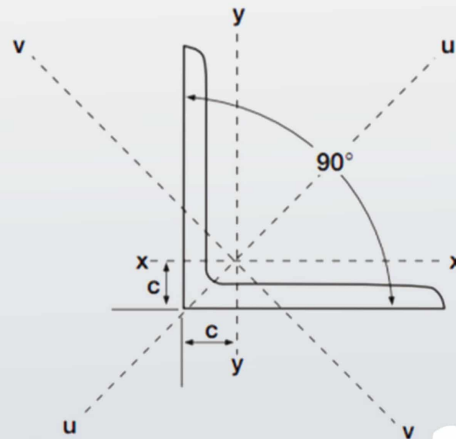
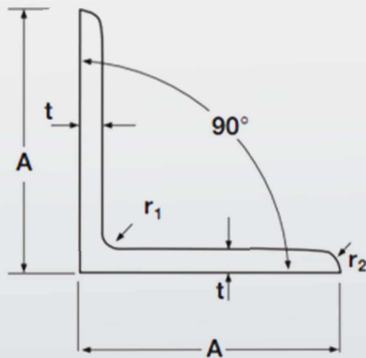
## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### MILD STEEL (MS) ANGLE

S. NO.	SIZE (Width x Depth x Thickness)
1	25 x 25 x 2.50 mm
3	25 x 25 x 3.00 mm
5	30 x 30 x 2.70 mm
7	38 x 38 x 2.50 mm
9	38 x 38 x 4.00 mm
11	40 x 40 x 3.00 mm
13	40 x 40 x 5.00 mm
15	50 x 50 x 2.70 mm
17	50 x 50 x 4.00 mm
19	50 x 50 x 6.00 mm
21	60 x 60 x 5.00 mm
23	65 x 65 x 6.00 mm
25	75 x 75 x 6.00 mm
27	100 x 100 x 6.00 mm
29	38 x 38 x 2.70 mm

S. NO.	SIZE (Width x Depth x Thickness)
2	25 x 25 x 2.70 mm
4	30 x 30 x 2.50 mm
6	30 x 30 x 3.00 mm
8	38 x 38 x 3.70 mm
10	40 x 40 x 2.70 mm
12	40 x 40 x 4.00 mm
14	40 x 40 x 6.00 mm
16	50 x 50 x 3.00 mm
18	50 x 50 x 5.00 mm
20	60 x 60 x 4.00 mm
22	60 x 60 x 6.00 mm
24	75 x 75 x 5.00 mm
26	75 x 75 x 8.00 mm
28	100 x 100 x 8.00 mm





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

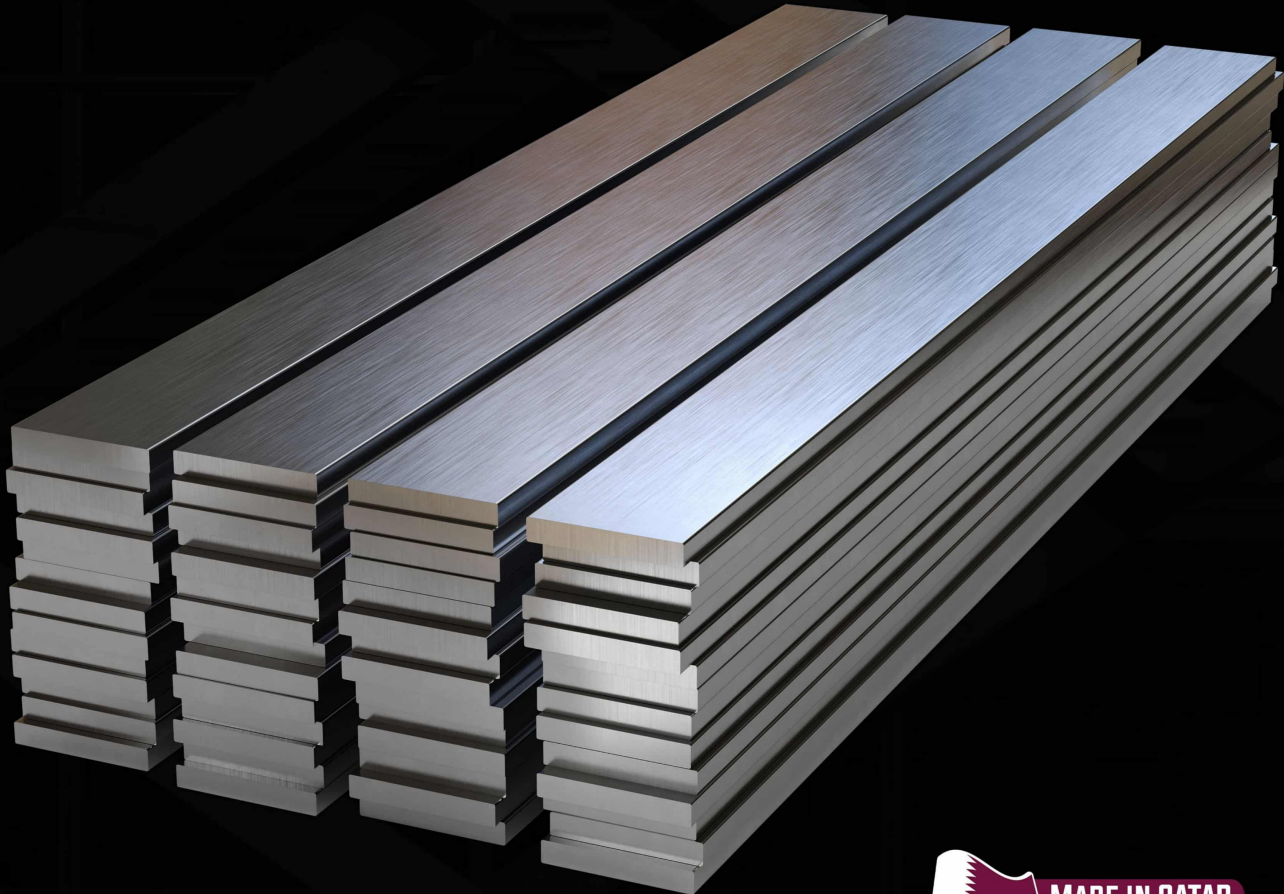
# QATAR MILD STEEL FLAT BAR

Flat Bars (also known as "Rectangular Bars or Steel Flat Bars") are long and rectangular-shaped metal bars used in a wide range of structural, architectural, manufacturing, commercial, residential and storage applications. Hot Rolled Flat Bar can be used for scenarios where precise shapes and tolerances are not required. Its versatility is also the main reason it is usable throughout various industries, along with the excellent strength & formability combination of steel.

**At Qatar Steel Industries Factory our clientele uses flat bars for the following:**

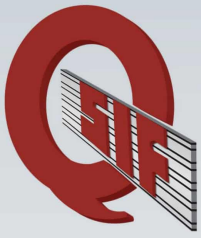
- Frame Construction as flat bars are easy to cut to length and drilled or welded into place. These metals are frequently used for the ability to withstand structural weight.
- One of the main uses of a Flat bar is to support braces, duct work, bracing, overhead doors, gate latches, ladder hangers and heaters.
- They are perfect for fabrication and post strengthening of construction. Flat bars are known for their ease of modification and formation for a perfect fit, support or replacing materials already in place.
- Flat Bars are also popular amongst industrial artists and architects who work on large-scale decorative pieces, most notably statues. These bars are malleable, ductile and extremely strong once forged.

Flat Bars (also known as "Rectangular Bars or Steel Flat Bars") are long and rectangular-shaped metal bars used in a wide range of structural, architectural, manufacturing, commercial, residential and storage applications. Hot Rolled Flat Bar can be used for scenarios where precise shapes and tolerances are not required. Its versatility is also the main reason it is usable throughout various industries, along with the excellent strength & formability combination of steel.



**MADE IN QATAR**





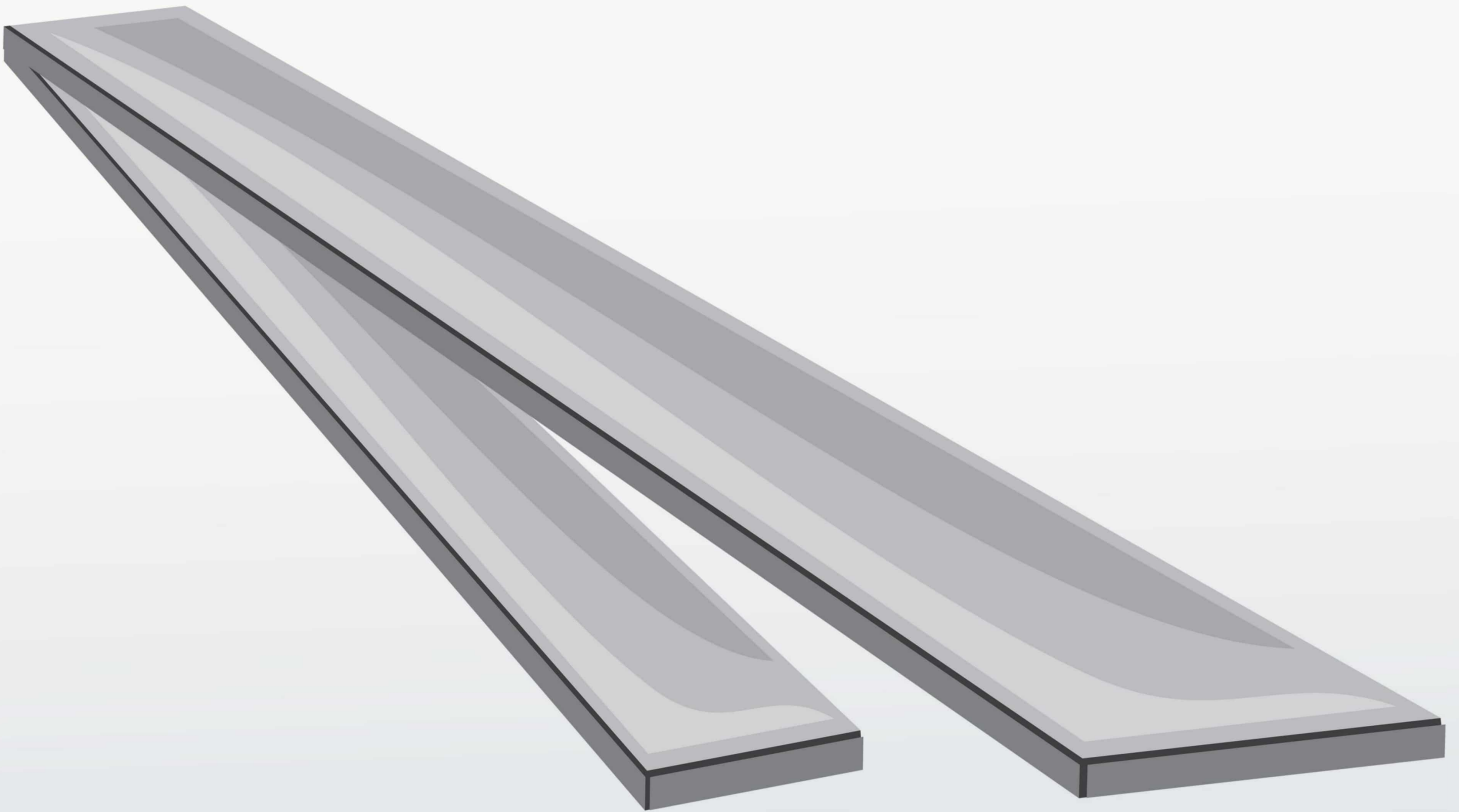
**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# MS FLAT BAR

## TECHNICAL DATA SHEET

### MILD STEEL (MS) FLAT BAR

<b>THICKNESS</b>	1.50 mm - 20.00 mm
<b>MATERIALS SURFACE TREATMENT</b>	Mild Steel (MS)
<b>WIDTH</b>	10 mm - 1500 mm
<b>APPLICATION</b>	Steel Grating, Ship Building, Steel Structure, Constructional Use and many more.
<b>GRADES AVAILABLE</b>	ASTM, EN, JIS, BIS
<b>LENGTH</b>	6.00 meter





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR STRUT C-CHANNEL

The Strut Channel is a Hot rolled steel that has been formed into a "C" shape. A strut is created from a Thinner metal sheet, mainly galvanized or PPGI, folded over into an open channel with inwards-curving lips to provide firm interlocking and as a centralised point to mount interconnecting components. They also have holes at the base to facilitate locking or fastening to underlying structures or systems.

#### The following are the benefits and uses of the strut channels:

- Construction - they are versatile, flexible and can easily be modified and/or extended using fasteners & bolts.
- Assembly - very quick to assemble with minimal tool requirements and can be installed by anyone with moderately trained labour, making it a very cost-effective investment.
- C-channels are mainly used to mount, brace, support and connect lightweight structural loads in structures.
- These include pipes, electrical and data wires, and mechanical systems such as ventilation & air conditioning.
- Add-ons can be attached to the strut channel with a bolt, threaded into a channel but that may have a spring to ease installation. Circular objects such as pipes and cables can be attached with straps that can be retained by the channel.
- It is also used for other applications that require a strong framework, such as equipment racks, workbenches, shelving systems etc. Sockets are available to tighten nuts, bolts, etc.

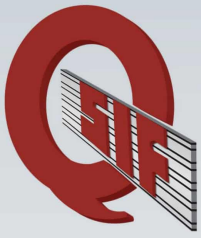
Strut Channels, when laid down flat, can be measured by taking the width of the channels, the height of its Flange (legs) and the Web (thickness of the material between the two flanges). More commonly, it is measured by taking its width and pounds per foot. These channels come in many shapes and sizes such as Bar Mill, Ships and Car Sizes, Stair Stringers (Junior) and the more common Structural Channel.

#### At Qatar Steel Industries Factory, they come with the following attributes:

- Material - Come in Plain metal, Plain galvanized, Hot Dipped galvanized and Stainless Steel.
- Dimensions - 41 x 21 mm to 41 x 41 mm.
- Thickness - From 1.00 to 2.50 mm.
- Length - From 1.00 to 6.00 metres.







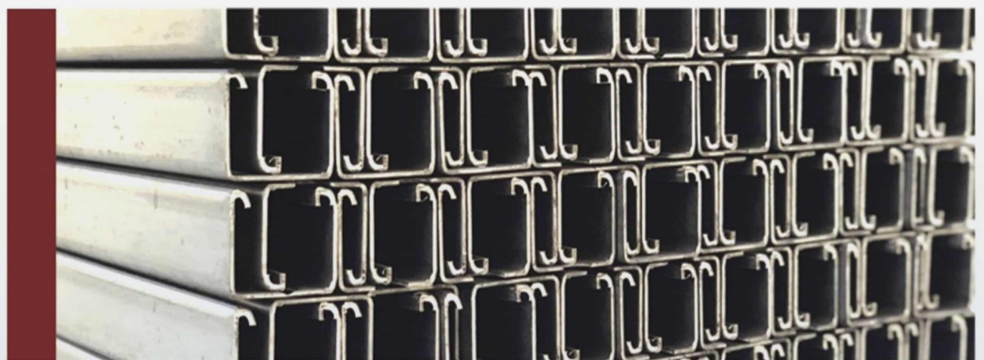
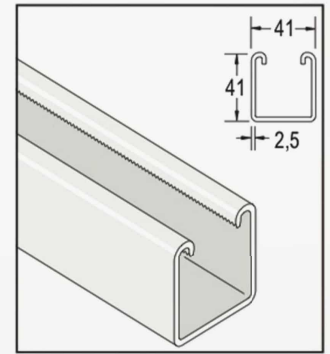
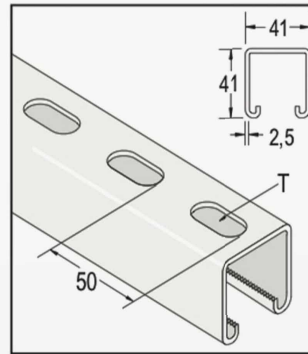
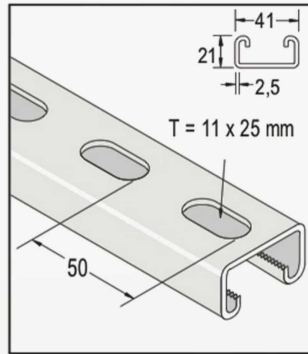
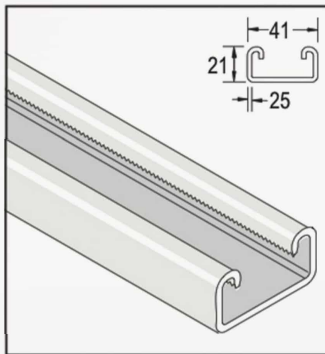
# STRUT C-CHANNEL

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### SLOTTED OR PLAIN STRUT C-CHANNEL

<b>THICKNESS</b>	1.00, 1.50, 2.00, 2.50 mm
<b>SIZE DIMENSIONS</b>	41 x 41, 41 x 21
<b>SLOTTED FORMATION &amp; LENGTH</b>	14 x 28 mm & 1.00 - 6.00 meter
<b>MATERIAL</b>	Plain, Pre-Galvanized, Hot Dipped Galvanized, Stainless Steel
<b>GRADES AVAILABLE</b>	AISI, ASTM, BS, DIN
<b>LENGTH</b>	3.00, 5.00, 6.00, 8.00, 10.00, 12.00 meter





**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# FASTENER ANCHOR BOLT

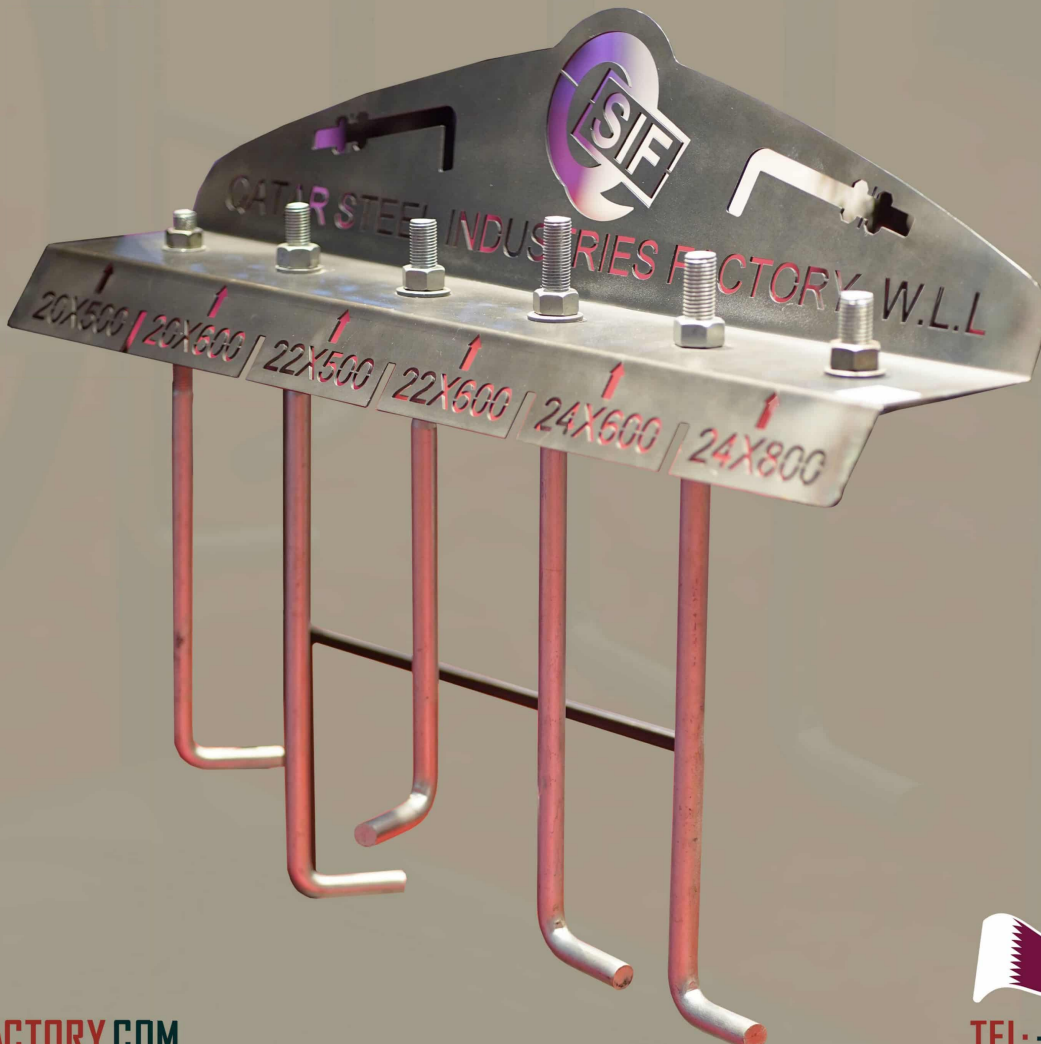
GI Foundation Anchor Bolts are used to connect structural and non-structural elements to concrete. The connection can be made by a variety of different components; anchor bolts or fasteners, steel plates or stiffeners. Anchor bolts transfer different types of load which are tension forces and shear forces.

A connection between structural elements can be represented by steel columns attached to a reinforced concrete foundation. A common case of a non-structural element attached to a structural one is the connection between a facade system and a reinforced concrete wall.

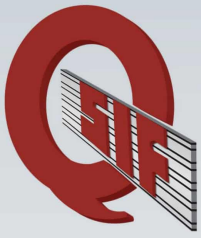
Qatar Steel Industries Factory takes immense pride in being the pioneer supplier of gi foundation anchor bolts and fasteners in Qatar.

**Our GI Foundation Anchor Bolts are having below key points:**

- High Strength
- Longevity
- Robustness
- It comes in different diameters such as 20mm, 22mm and 24mm
- Different available lengths are 500mm, 600mm and 800mm
- Length of curved part is 100mm







# FASTENER / ANCHOR BOLT

## TECHNICAL DATA SHEET

**QATAR STEEL**

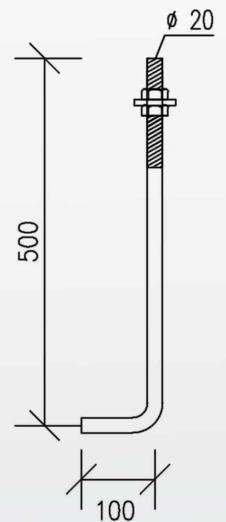
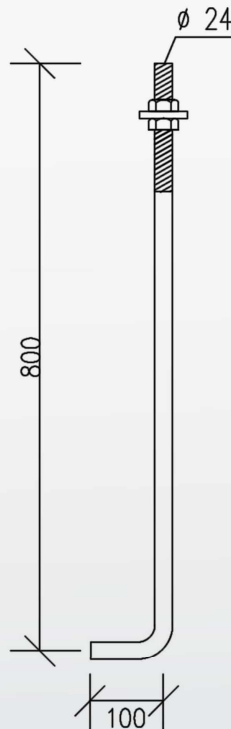
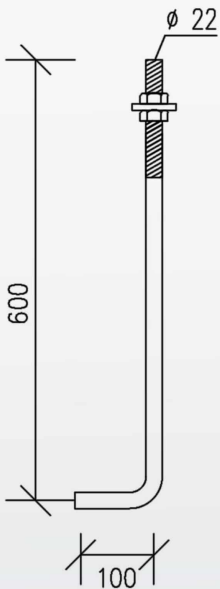
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مصنع قطر للصناعات الحديدية



### GI FOUNDATION ANCHOR BOLT

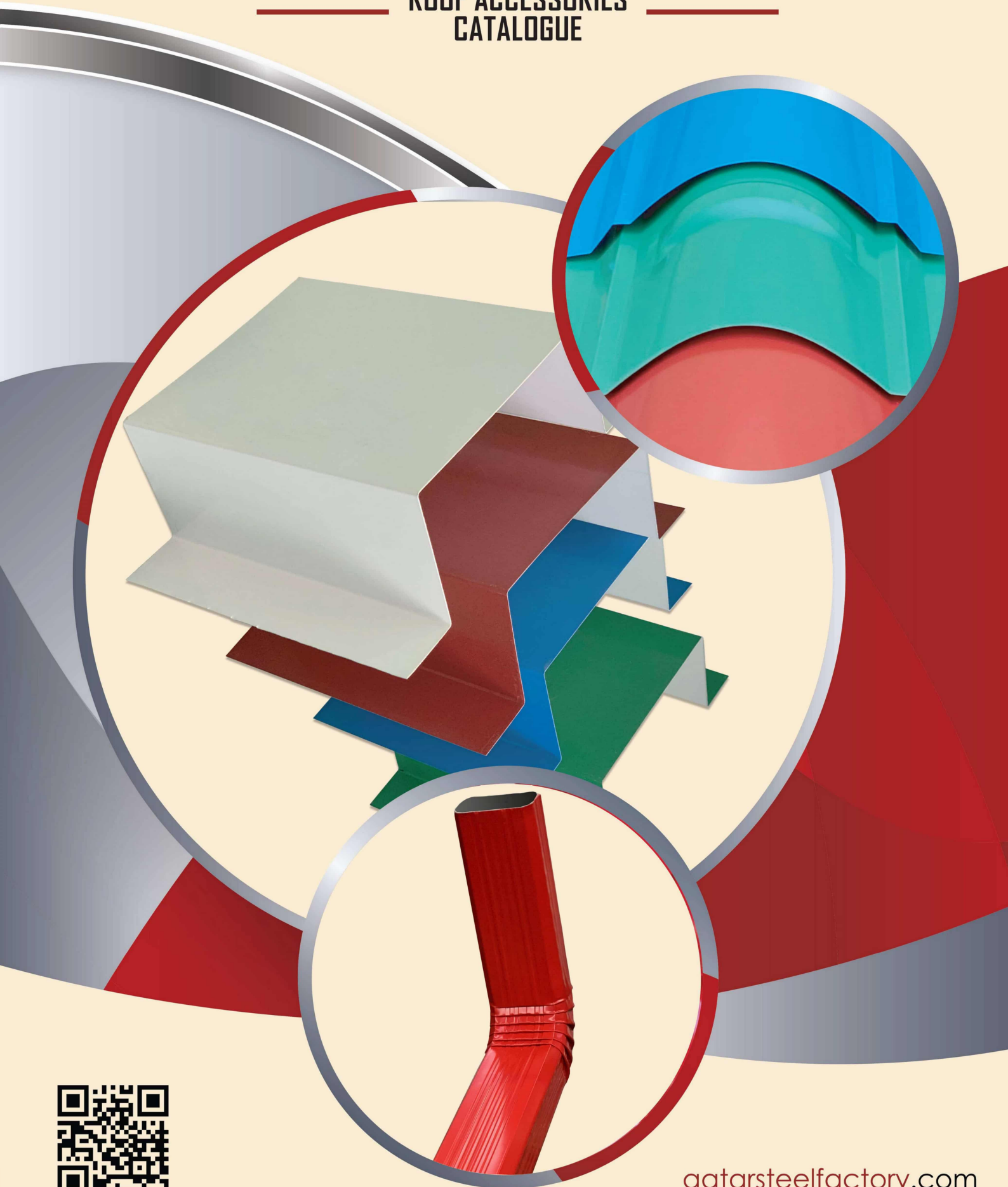
DIAMETER
20 mm
20 mm
22 mm
22 mm
24 mm
24 mm

LENGTH (mm)
500 x 100
600 x 100
500 x 100
600 x 100
600 x 100
800 x 100





ROOF ACCESSORIES  
CATALOGUE







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

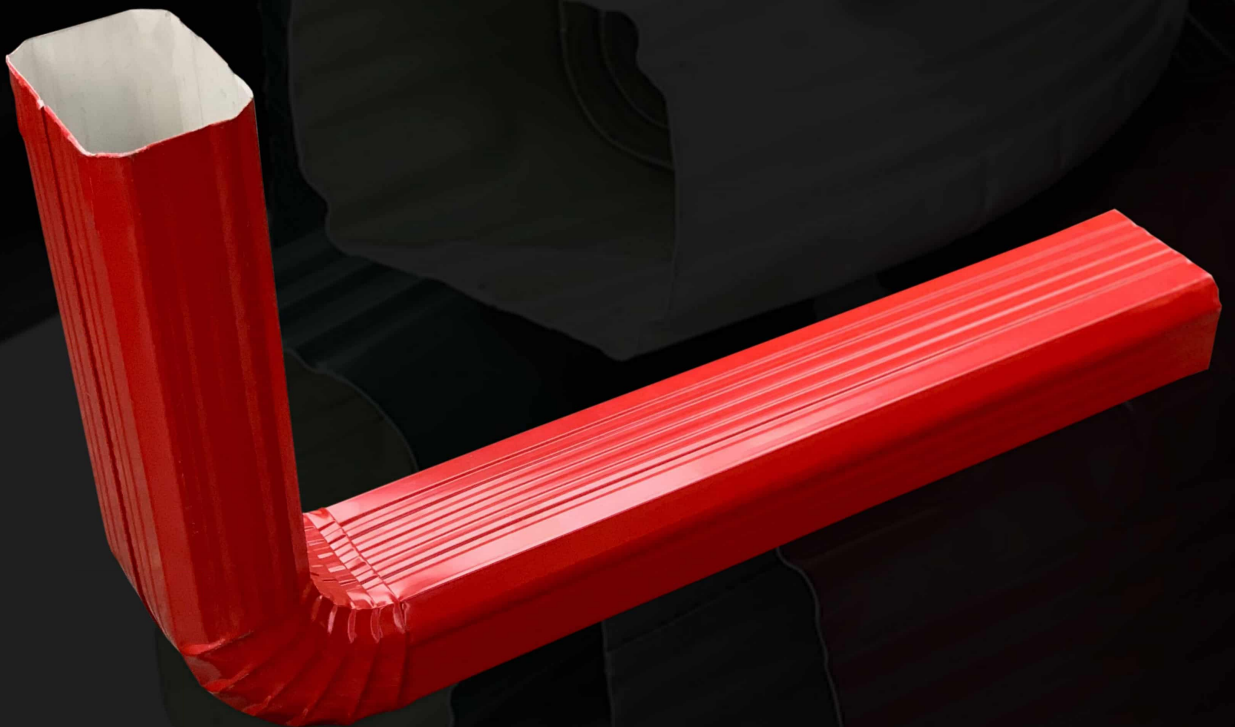
# QATAR GUTTER & ELBOW GUTTER

The gutter is to act as a channel that is installed below the roofline. The rainwater into the channel where the roof slopes downward. A downward pitch to these installations encourages rainwater to flow through the gutter channels and into the downspouts. The downspout is a pipe that is installed vertically in parallel to a structure. It is connected at the top to a gutter. The other end known as an elbow bends outward and sits several inches above the ground. This allows the water to flow away from the structure. There are two types of elbows: an "A" style elbow point towards you whereas a "B" style elbow twists to the left or right adjacent to the wall.

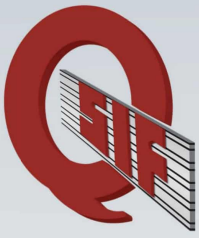
To avoid rainfall damage and to easily maintain roofing Qatar Steel Industries Factory offers galvanized iron, pre-painted galvanized iron, aluminium elbow, gutter and downspouts. Each product undergoes strict quality checks and are made to specification. The galvanization and aluminium helps safeguard the product from weathering. The pre-paint comes with a variety of colour options allowing for customization and adds a layer of shielding. Making the product cost-effective, long-lasting, and easy to maintain.

#### By procuring Gutter, Elbows and Downspout, you get:

- Thickness option ranging from 0.3-0.7 mm, length ranging from 1-12 metres and a size of 7 x 11 cm.
- Material options of Pre-painted galvanized Steel, galvanized Iron and Aluminium alloy.
- Paint options to customise and add another layer of weather shielding.
- Protection from water damage to the roof, walls, and foundation of the structure.
- Durable with little to no maintenance required. Reducing cost.
- Galvanization protects it from Corrosion and extreme weather conditions.
- Strong and easy to install, saving on time and money.



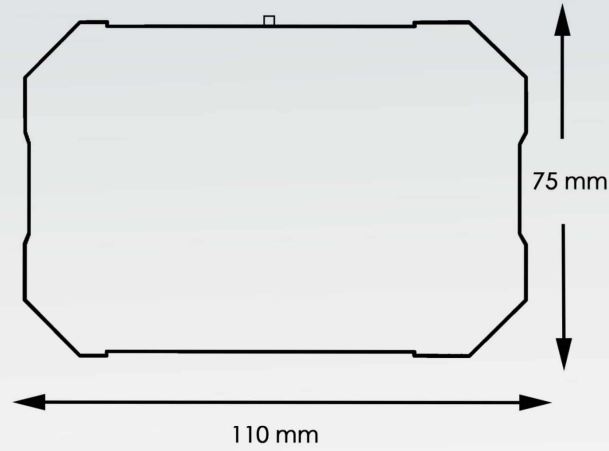
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INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# GUTTER AND ELBOW GUTTER

## TECHNICAL DATA SHEET



### GUTTER AND ELBOW GUTTER

<b>THICKNESS</b>	0.30 mm - 0.70 mm
<b>MATERIAL</b>	Pre-Painted Galvanized Iron, Aluminium Alloy, Galvanized Iron
<b>LENGTH OF THE RANGE</b>	1.00 - 12.00 Meter
<b>APPLICATION</b>	White, Off White, Beige, Red, Light Green, Green, Dark Green, Yellow, Light Pink, Dark Pink, Blue, Dark Blue
<b>SIZE</b>	7 x 11







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INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

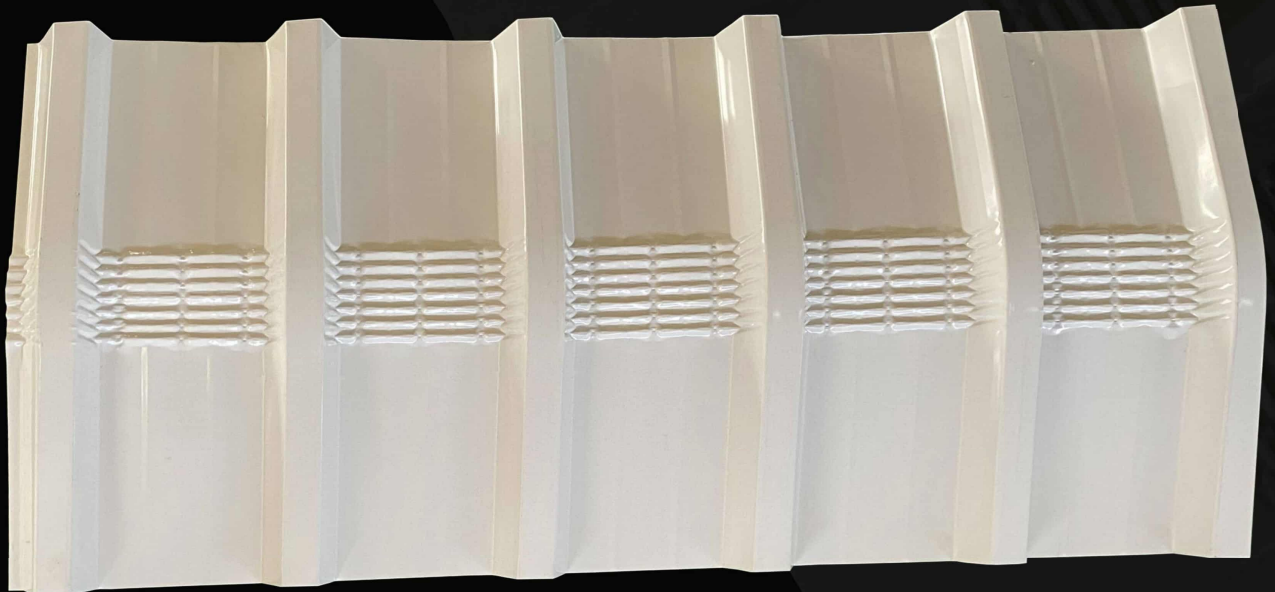
# QATAR RIDGE CAP FOR SINGLE SKIN SANDWICH PANEL

Ridge caps are made of high-quality PPGI Corrugated Sheet which protects against weather conditions such as heat, heavy rain, fire, humidity and more. The Ridge caps shingles are specifically made pre-bent and thicker than regular roof shingles, which are prone to cracking when folded over the ridge, for a better fit and efficiency especially when it comes to repelling water from the roof. Due to the material used to make the Ridge Cap, maintenance required is lowered. Maintaining the Ridge Cap, simply washing it with water will provide cleanliness and restoration of life to the product enabling it to last much longer.

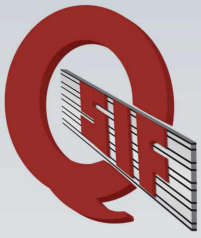
A bonus for the Ridge cap is that it comes in many colours which can be chosen at your convenience to match a roofing theme or for the aesthetically pleasing exterior.

**Key features of our ridge caps for single skin sandwich roof panels are as follows:**

- Corrosion and rust-free
- Water resistance
- Easy Installation
- Low Maintenance
- Easy to Clean



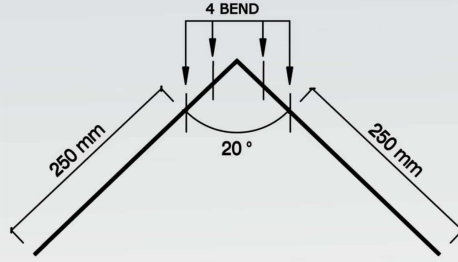
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# RIDGE CAP FOR SANDWICH PANEL

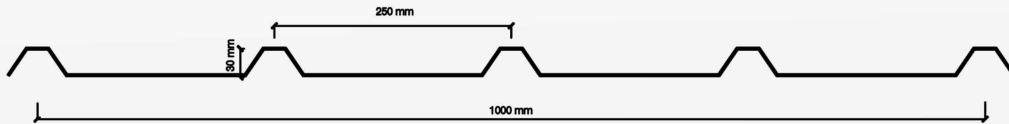
## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية



### RIDGE CAP PROFILE FOR 5 CM MACHINE ROOF PANEL AND ARNON 8 MM INSULATION

<b>STANDARD SIZE</b>	250 mm x 250 mm x 1000 mm		
<b>THICKNESS</b>	0.35 mm, 0.40 mm, 0.45 mm		
<b>CUSTOM SIZE</b>	250 mm x 250 mm x 1000 mm to 750 mm x 750 mm x 1000 mm ( Numbers of Bend can increase / decrease as per the customer's requirements )		
<b>COLORS</b>			
WHITE (9016)	RED (3001)	DARK GREEN (6024)	LIGHT GREEN (6021)
YELLOW (1016)	DARK BEIGE (1001)	DARK PURPLE (4005)	DARK PINK (3014)
LIGHT GRAY (7047)	DARK GRAY (7040)	LIGHT GREEN (6019)	BLUE (5017)
LIGHT BEIGE (1015)	LIGHT PURPLE (4001)	LIGHT PINK (3015)	ORANGE (2002)







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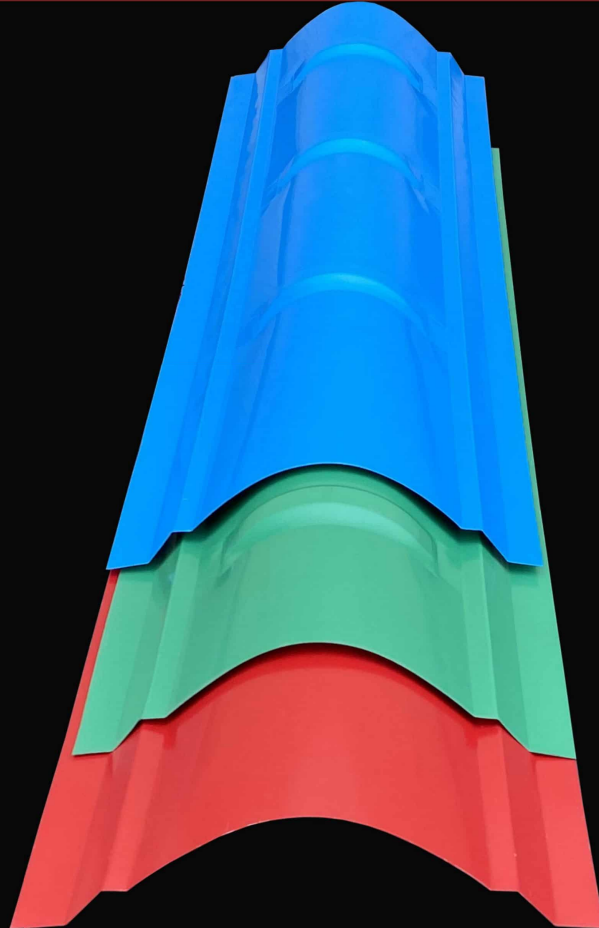
# QATAR ROLL TOP RIDGE CAP FOR METAL ROOFING

Roll Top Ridge caps are usually used to close the gap between roofing made by sandwich panels or corrugated sheet roofing which cannot be bent. They are also used as a complementary finish to roofing to provide a beautiful aesthetic or in some cases, a combination of colour to the roofing.

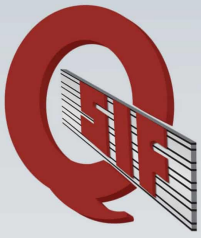
Qatar Steel Factory is the number one manufacturer and supplier of Roll Top Ridge Cap For Metal Roofing Tiles in the region. We offer fully custom sizes for all ceiling accessories including ridge caps for roofing tiles. Furthermore, ridge cap flashings/profiles are available in a large choice of colour ranges such as white, red, dark green, light green, yellow and much more.

**Ridge Caps for Tile Roofing Sheets have the following features:**

- Water Resistance
- Corrosion and Rust Free
- Tight Cover with High Hardness
- Easy to Clean
- Low Maintenance
- Easy Installation



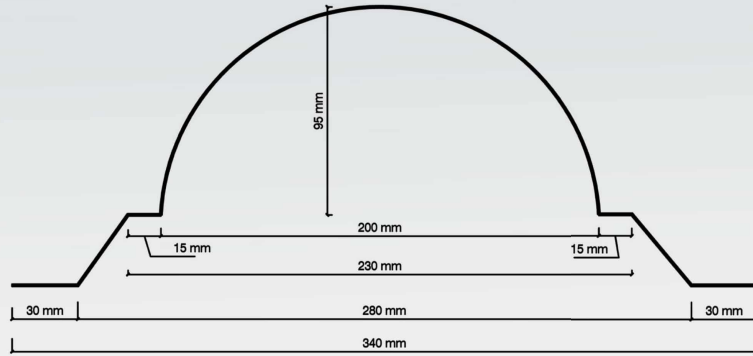
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# ROLL TOP RIDGE CAP FOR ROOFING

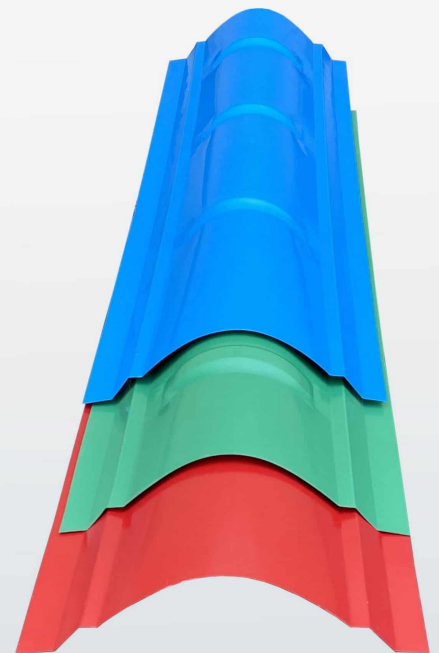
## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية



### TILE ROOFING SHEETS RIDGE CAPS

<b>LENGTH</b>	1120 mm		
<b>THICKNESS</b>	0.40 mm		
<b>COLORS</b>			
WHITE (9016)	RED (3001)	DARK GREEN (6024)	LIGHT GREEN (6021)
YELLOW (1016)	DARK BEIGE (1001)	DARK PURPLE (4005)	DARK PINK (3014)
LIGHT GRAY (7047)	DARK GRAY (7040)	LIGHT GREEN (6019)	BLUE (5017)
LIGHT BEIGE (1015)	LIGHT PURPLE (4001)	LIGHT PINK (3015)	ORANGE (2002)







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
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# QATAR ROOFING TILES END OR FRONT CAP

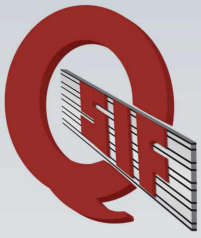
Qatar Steel Industries Factory manufactures end caps or front cover for roofing tiles. End caps are being placed at the end of the roofing tiles. It's one of the metal roofing accessories which are perfect for small outbuildings, chalets, garden sheds, warehouses, and offices.

Our end cap or front cover for roofing tiles are up to 108 cm in length and 10 cm in height. The material is PPGI (Pre-Painted galvanized Iron).

**Our end cap for roofing tiles are having below features:**

- Environment-friendly
- Strong and lightweight
- Very easy to install and no need to cut
- Tough and long-lasting
- Available in attractive design
- Wide range of colors

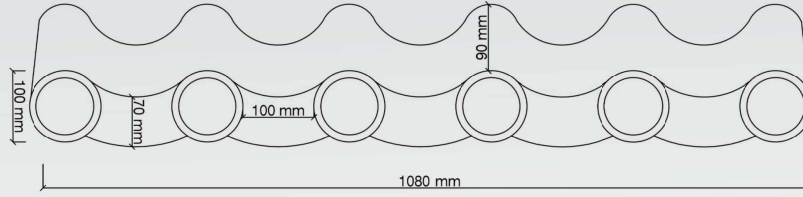




# ROOFING TILE END / FRONT CAP

## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية



### FRONT COVER OR END CAP FOR ROOFING TILES

<b>LENGTH</b>	108 cm		
<b>HEIGHT</b>	10 cm		
<b>COLORS</b>			
GREEN	WHITE	RED	BLUE







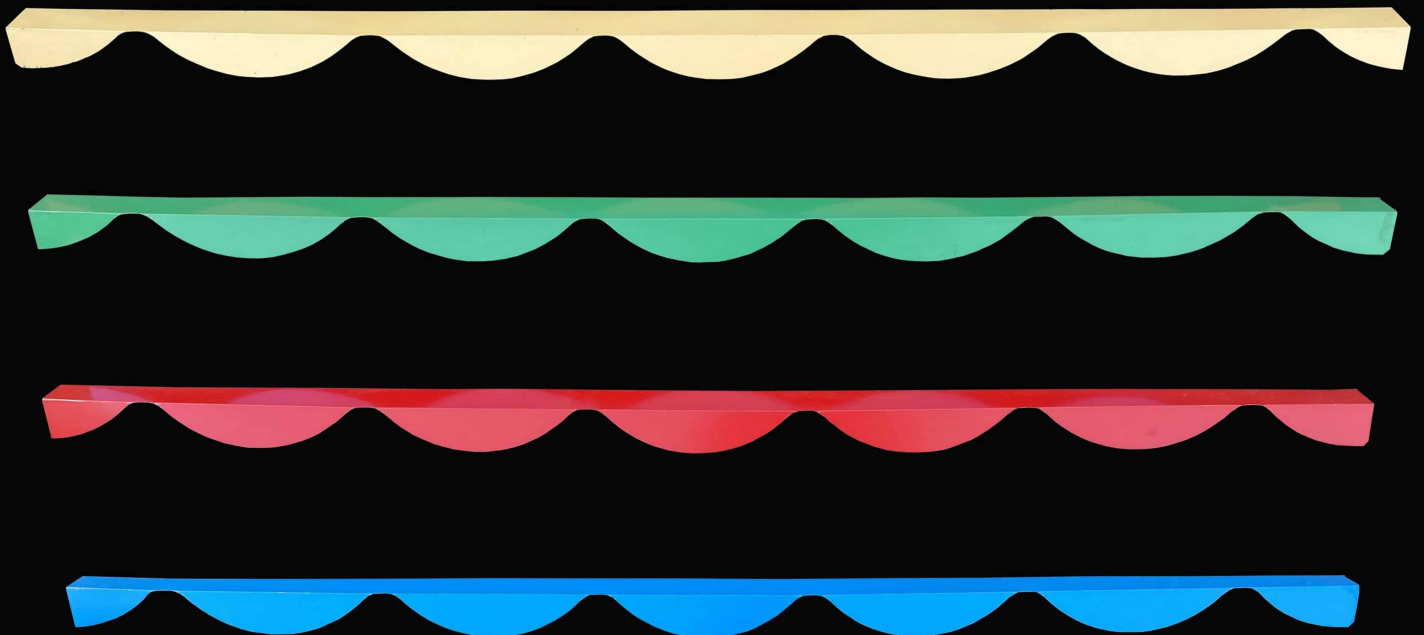
**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR SIDE COVER FOR TILE ROOFING SHEETS

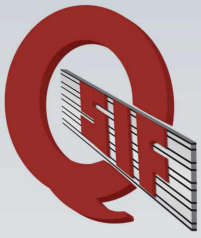
The Tile roofing Side cover can be used on either the left side or the right side with the addition of being compatible with all profiles. These profiles come in a wide selection of colours to choose from, some of which are white, red, blue, purple, beige and much more. The Tile Roofing side cover is made from high-quality PPGI corrugated sheets, this ensures that even ceiling accessories made by Qatar Steel Industries Factory are of high quality as well. Qatar Steel Industries Factory produces Tile roofing sheets with a side cover which seals the roof edge and wall, this helps strengthen the roofing alongside adding an aesthetic touch.

**Key features of our Tile Roofing Sheets Side Covers are below:**

- Length of 1120 mm with a thickness of 0.40 mm
- Compatible with all profiles
- Rust and corrosion free
- Easy installation
- Low maintenance
- Easy to Clean
- Wide range of colours
- Custom Size



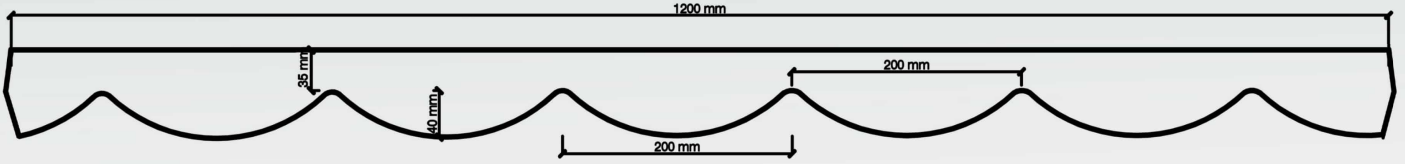
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# SIDE COVER FOR TILE ROOFING

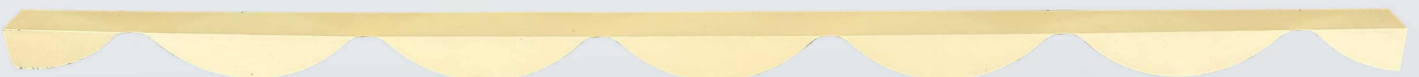
## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية



### TILE ROOFING SHEETS SIDE COVER

<b>LENGTH</b>		1120 mm	
<b>THICKNESS</b>		0.40 mm	
<b>COLORS</b>			
WHITE (9016)	RED (3001)	DARK GREEN (6024)	LIGHT GREEN (6021)
YELLOW (1016)	DARK BEIGE (1001)	DARK PURPLE (4005)	DARK PINK (3014)
LIGHT GRAY (7047)	DARK GRAY (7040)	LIGHT GREEN (6019)	BLUE (5017)
LIGHT BEIGE (1015)	LIGHT PURPLE (4001)	LIGHT PINK (3015)	ORANGE (2002)







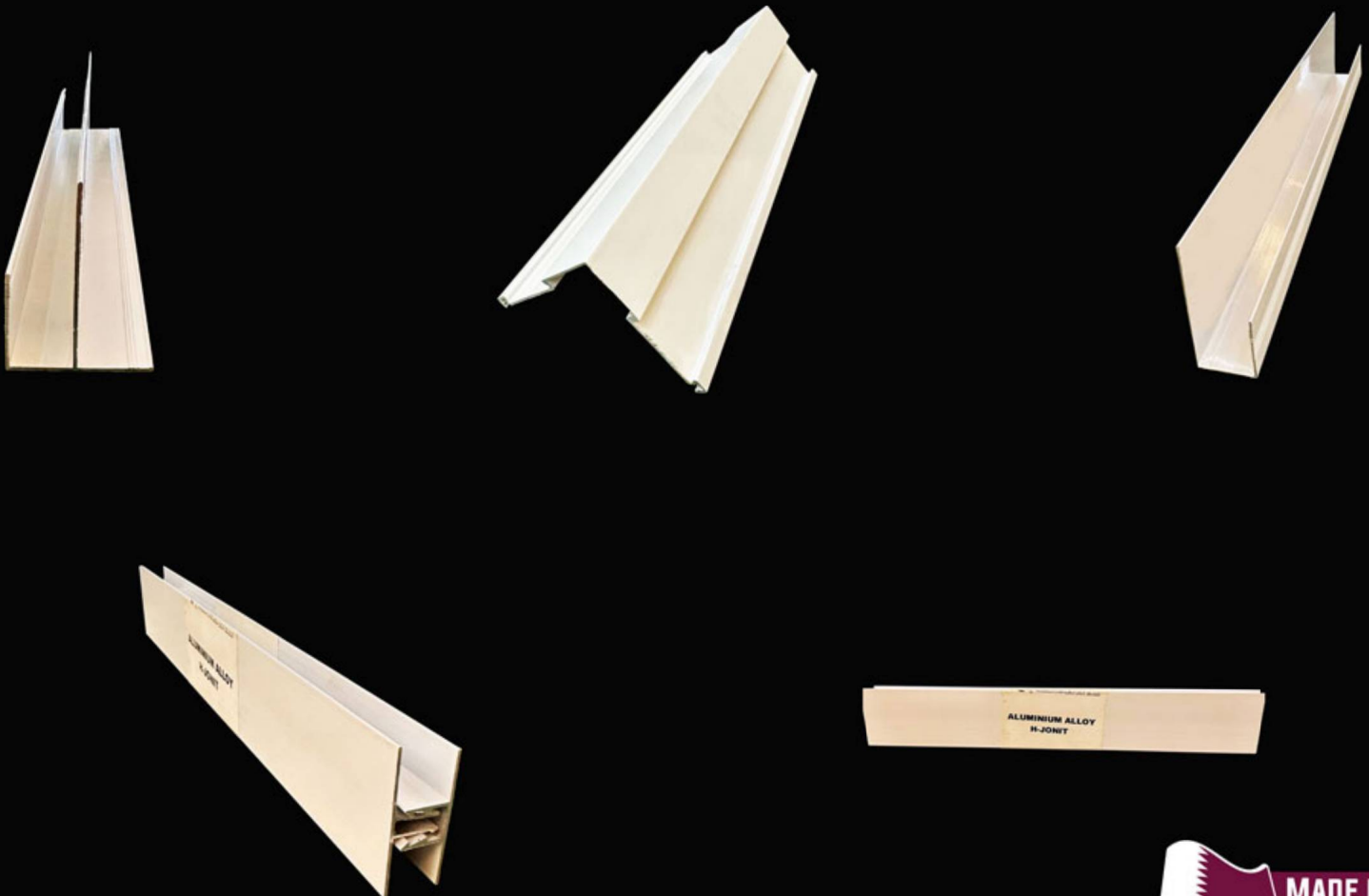
**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR ALUMINIUM ALLOY DECORATIVE PANEL'S ACCESSORIES

Decorative Panel's Aluminium Alloy Accessories are important components designed to provide a seamless, durable and professional finish for a variety of decorative panel applications. Made from high-quality, corrosion-resistant aluminium alloy, these accessories offer great strength and longevity, making them suitable for both interior and exterior use. The sleek anodized or powder-coated finishes of **H-Joint, Starter, Outside Corner, Starting Parts, Invisible Starting Parts, Closing Parts, F Profile and Door / Window Frame Cover** increase the aesthetic appeal of any project. Compatible with wooden, PVC and composite panels. Whether for residential, commercial or outdoor spaces, they deliver a polished look and reliable performance, making them the perfect choice for enhancing your decorative panel installations.

**Common Features of these Aluminium Alloy Accessories are:**

- High-Quality Material: Crafted from corrosion-resistant aluminum alloy for strength and durability.
- Precision Engineering: CNC-machined for a perfect fit and smooth edges, ensuring safety and ease of installation.
- Elegant Finishes: Available in anodized or powder-coated finishes for a sleek, modern appearance.
- Versatile Compatibility: Designed to fit a variety of panel types, including wooden, PVC, and composite panels.
- Weather Resistance: Engineered to withstand extreme temperatures and environmental conditions.
- Uses: These are perfect for residential, commercial, outdoor and industrial projects.





# DECORATIVE PANEL ACCESSORIES

## TECHNICAL DATA SHEET

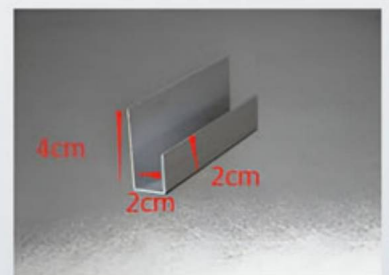
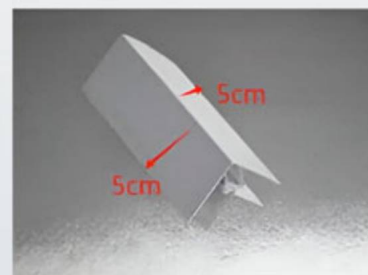
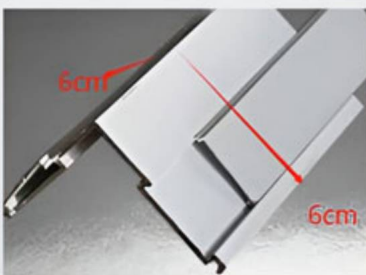
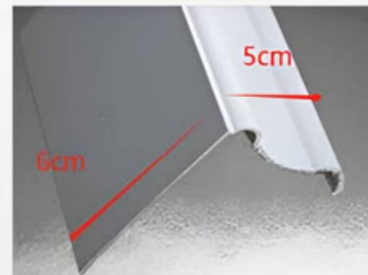
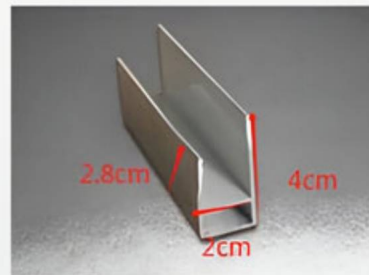
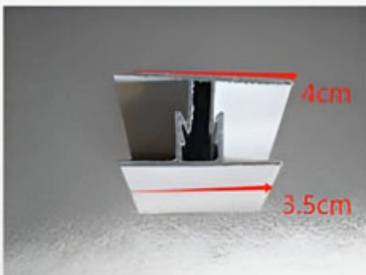
**QATAR STEEL**

INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية



### DECORATIVE PANEL'S ALUMINIUM ALLOY ACCESSORIES

<b>MATERIAL</b>	High-grade corrosion-resistant aluminum alloy
<b>FINISH</b>	Anodized or powder-coated for durability
<b>INSTALLATION</b>	Compatible with multiple panel types (wooden, PVC, composite)
<b>DIMENSIONS</b>	4cm x 3.5cm   2.8cm x 2cm x 4cm   6cm x 5cm 3.3cm x 3.3cm   6cm x 6cm   3.2cm   4cm x 2cm x 2cm
<b>DURABILITY</b>	Heat and weather-resistant for long-lasting use







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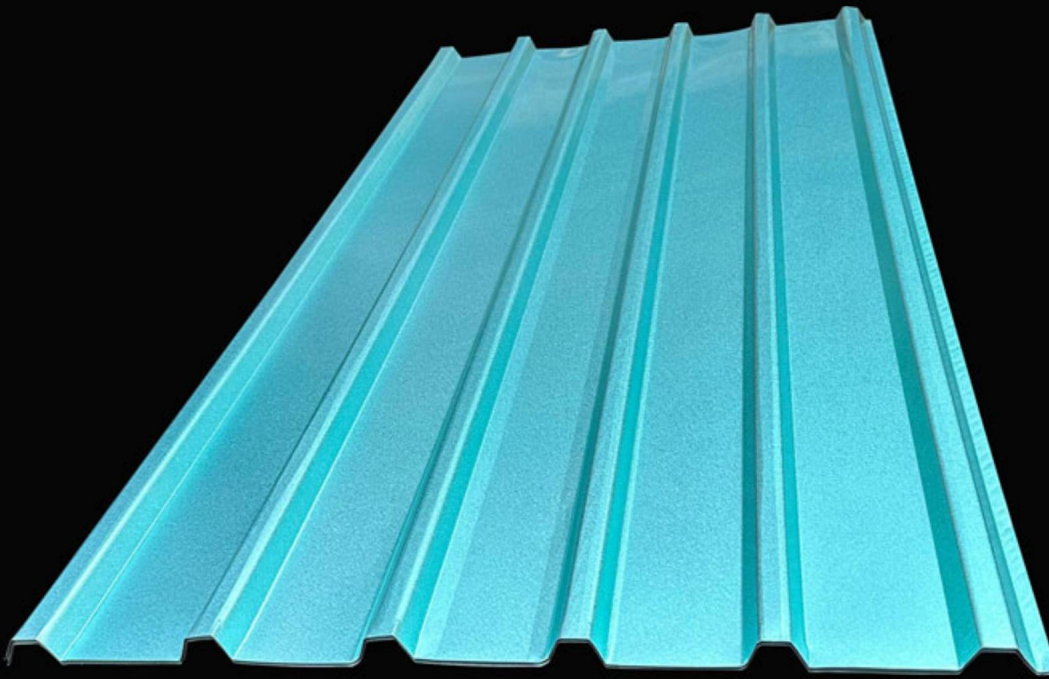
# QATAR GALVALUME CORRUGATED / WOODEN SHEETS

Galvalume Corrugated and Wooden Sheets are the ideal solutions for modern construction needs, blending durability, functionality and aesthetic appeal. Whether you are constructing a residential property, commercial building or industrial facility, these sheets provide a reliable and versatile option. Thickness - Available in 0.40mm and 0.50mm. Available colors are: Anthracite Grey (RAL-7016), Blue Grey (RAL-7031), Granite Grey (RAL-7026), Stone Grey (RAL-7030), Wood Type (RAL-0201), Wood Type (RAL-0301), Wood Type (RAL-0401).

Choose Galvalume Corrugated and Wooden Sheets to enhance the functionality and style of your project. Their durability, weather resistance and attractive design make them the perfect choice for various applications.

#### Common Uses of Galvalume Corrugated and Wood Sheets:

- Superior Durability: Made with high-quality Galvalume material, these corrugated sheets offer exceptional resistance to corrosion and wear, ensuring a long-lasting performance.
- Weather Resistance: Designed to withstand extreme weather conditions, these sheets offer excellent protection against rain, heat, and wind.
- Aesthetic Appeal: Wooden sheets add a touch of elegance, bringing a natural and rustic feel to any structure.
- Applications: Roofing and siding for homes and office. Decorative walls and interiors. Industrial and agricultural structures.



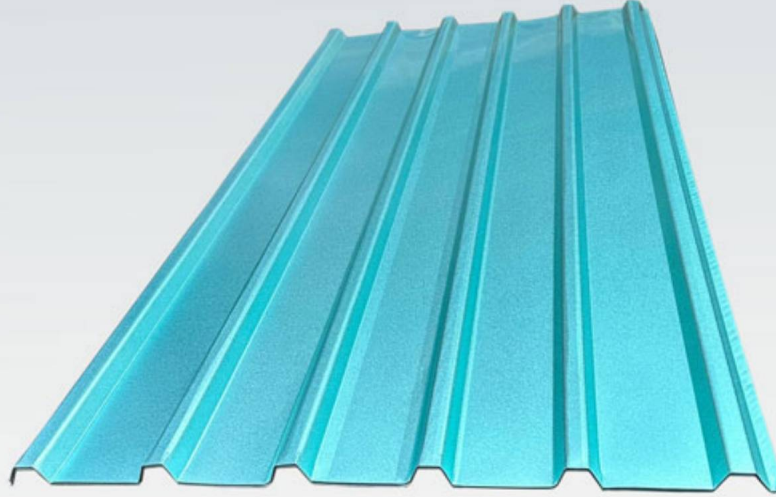




# GALVALUME SHEETS

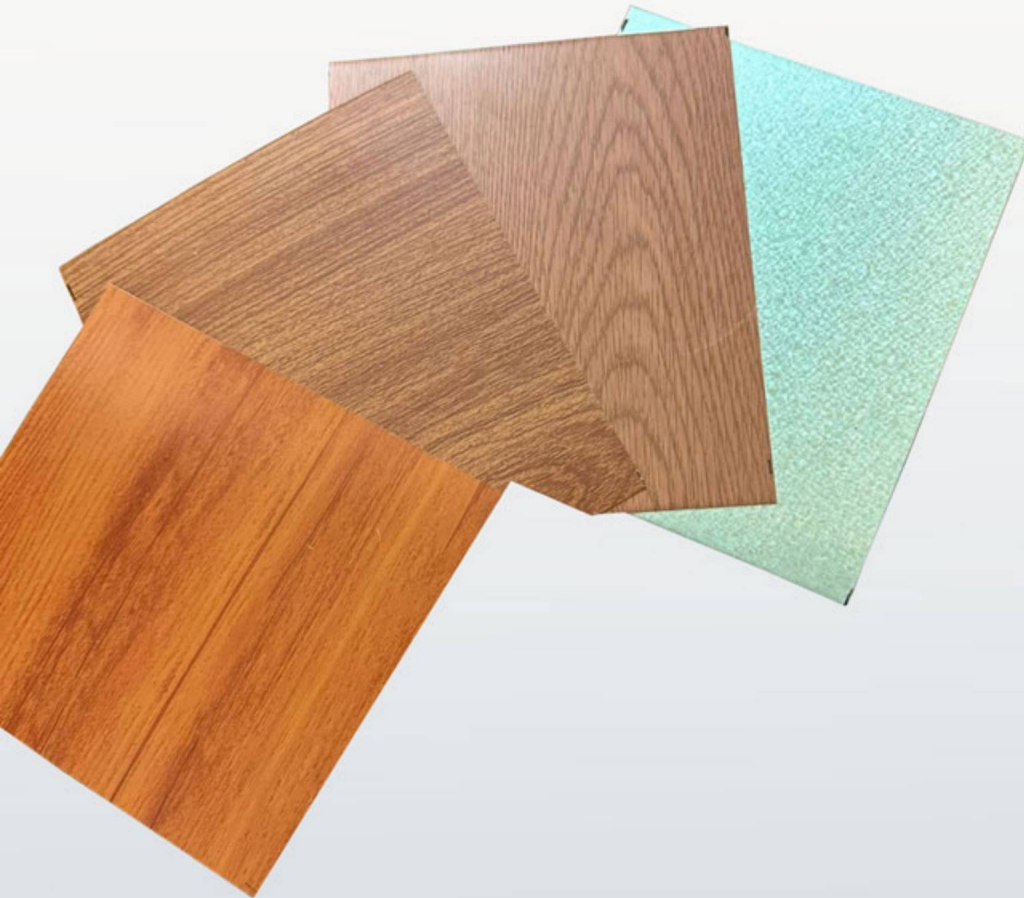
## TECHNICAL DATA SHEET

**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية



### GALVALUME CORRUGATED / WOODEN SHEETS

THICKNESS	0.40 mm
WIDTH	1210 mm
MATERIAL	Galvalume
OTHER DETAILS	Bend: OK Surface Grade: A Chromate: Anti-finger Tensile Strength: 385 mpa
ZINC COATING	50 g/m <sup>2</sup>







**QATAR STEEL**  
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# QATAR EPE FOAM SHEET ROLLS

EPE Foam Sheet Rolls are super handy and offer great protection. They are lightweight, flexible and tough, making them perfect for various uses. These sheets are popular for packaging, insulation and cushioning. They absorb shock and protect fragile items during transportation, reducing the risk of damage.

We as Qatar Steel Industries Factory provide high-quality EPE Foam Sheet Rolls. These rolls are water-resistant, safe to use and chemically resistant, making them ideal for different industries. Whether used for wrapping, soundproofing or insulation, they deliver reliable performance under various conditions.

Thickness - Available in 6 mm, 8 mm and 15 mm. Width - 1.1 meters. Length - 20 meters per roll.

#### Common Uses of EPE Foam Sheet Rolls:

- **Protective Packaging:** These EPE Foam Sheet Rolls are excellent for protecting items such as furniture, glass, electronics, and office supplies during shipping. They act as cushions and protect edges from impacts.
- **Flooring Underlay:** These EPE Foam Sheet Rolls help wooden and laminated floors last longer by preventing moisture damage. They also reduce noise and maintain comfortable temperatures.
- **Insulation for Steel Structures:** These EPE Foam Sheet Rolls provide shock absorption and waterproofing. Their flexibility makes them easy to cut or punch for specific project requirements.







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR EPE FOAM SHEET ROLLS

## TECHNICAL DATA SHEET



### QATAR EPE FOAM SHEET ROLLS

<b>THICKNESS</b>	6.00mm, 8.00mm and 15.00mm
<b>WIDTH OF THE ROLL</b>	1.10 Meter
<b>LENGTH OF THE ROLL</b>	20 Meter
<b>USES</b>	Protective Packaging, Flooring Underlay, Soundproofing, Insulation and Shock Absorption
<b>MATERIAL</b>	Expanded Polyethylene (EPE)







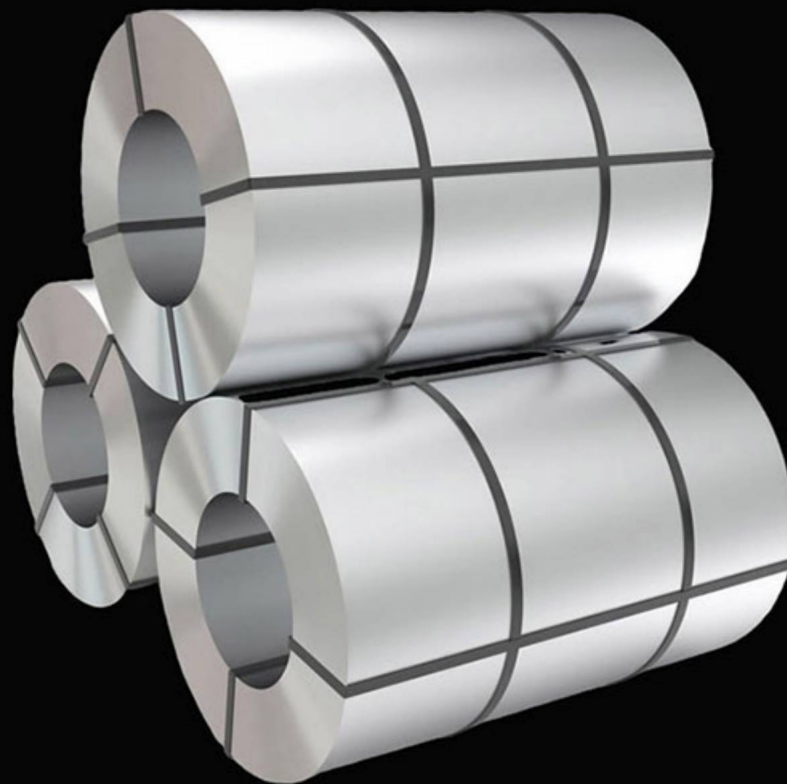
**QATAR STEEL**  
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مصنع قطر للصناعات الحديدية

# QATAR COLD ROLLED COILS

The CR coil is essentially hot rolled steel that has undergone additional processing. With better surface properties than hot rolled steel coils, it is often used for more technically precise applications or where aesthetics are important. However, due to the additional processing cold finished products come at a higher price. In terms of physical characteristics, CR coils are typically harder and stronger than hot rolled steel coils. As the metal is shaped at the lower temperature resistance against deformation, resistance against tension breaking and the steel's hardness are all raised. The "cold rolled" is often used to describe a range of finishing processes, though technically, "cold rolled" applies only to sheets that undergo compression between rollers. However, forms like tubes or bars are "drawn" and not rolled. Hot rolled tubes and bars once cooled, are processed into what are called "cold finished" tubes and bars. Other cold finishing processes include polishing, grinding, and turning.

#### Key features of our PPGI Coils are below:

- Tubes have better concentric uniformity and straightness.
- Smooth surfaces that is often oily to the touch.
- Better more finished surfaces with closer tolerances.
- Dimensional thickness ranging from 0.3 to 6mm and width ranging from 1000 to 1250 mm.
- Protective coating grade ranging from 40g to 180g.





# COLD ROLLED COILS

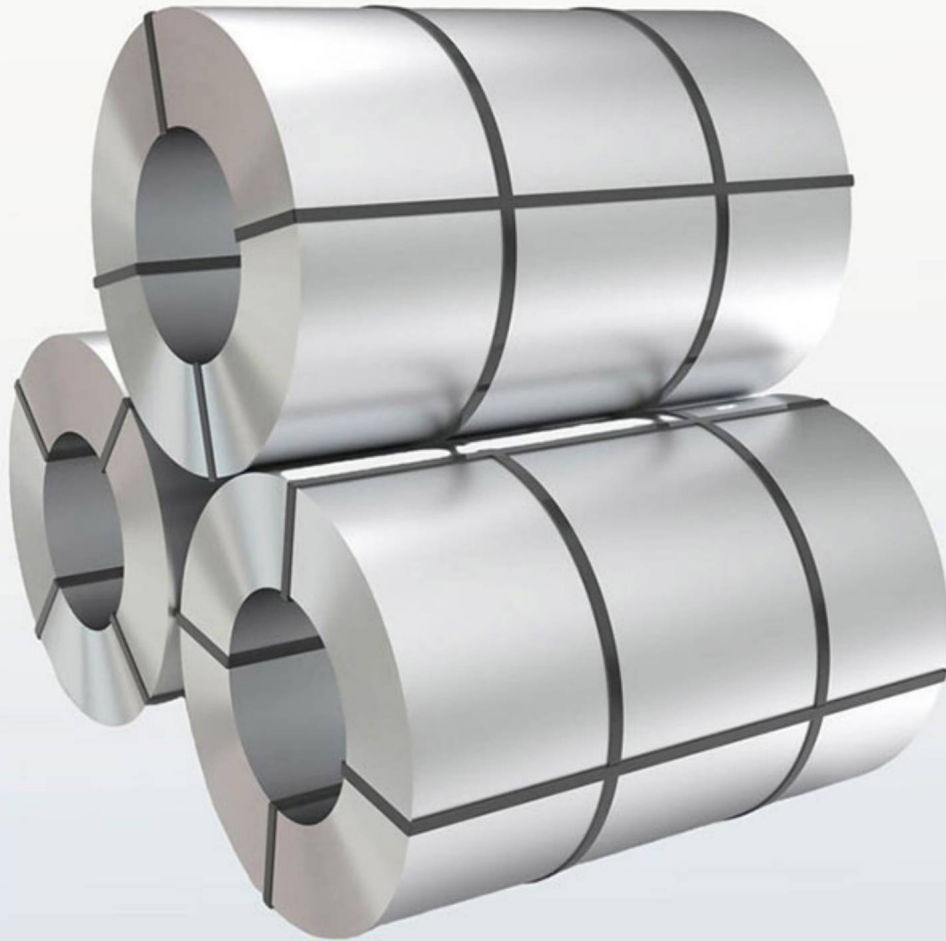
## TECHNICAL DATA SHEET

### QATAR STEEL

INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

#### COLD ROLLED OR CR COILS

THICKNESS	0.30 mm to 6.00 mm
MATERIALS SURFACE TREATMENT	Cold Rolled
WIDTH	1000 mm to 1250 mm
APPLICATION	Electronic Machines, Manufacturing Containers, Architectural Windows and Automobile Industry.
GRADES AVAILABLE	ASTM, EN, JIS, BIS
COATING AVAILABILITY	40g - 180g / m <sup>2</sup>







**QATAR STEEL**  
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# QATAR GALVANIZED IRON COILS

We are trustworthy company when it comes to offering GI or galvanized iron coils in the region. We supply supreme quality of GI Coils. Sourced from the certified vendors of the market, the provided coils are manufactured using the quality assured galvanized iron. Our offered coils are used for making different products such as GI Plates or sheets, pipes, tubes, hollow section and many others. Our quality inspectors also check these coils on various parameters before providing these coils to the clients. Thickness range of GI Coils from 1.8mm and up to 6mm and widths of 1219mm and up to 1250mm are available. Its features include elongation of 16 to 30%, zinc coating of 30 to 180g/m<sup>2</sup>, surface treatment options, oil/non-oil and others; spangle types of free spangle, minimal spangle, regular spangle and others; standard options of ASTM, EN, JIS, BIS.

#### Key features of our PPGI Coils are below:

- Effective Rust and Corrosion Resistance
- High Flexibility
- Superior Wear
- High Temperature Resistance
- ASTM, EN, JIS, BIS Standards





# GALVANIZED IRON COILS

## TECHNICAL DATA SHEET

**QATAR STEEL**  
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مصنع قطر للصناعات الحديدية

### GALVANIZED IRON OR GI COILS

<b>THICKNESS</b>	0.30 mm to 6.00 mm
<b>MATERIALS SURFACE TREATMENT</b>	Galvanized Iron
<b>WIDTH</b>	1000 mm to 1250 mm
<b>APPLICATION</b>	Electronic Machines, Manufacturing Containers, Architectural Windows and Automobile Industry.
<b>GRADES AVAILABLE</b>	ASTM, EN, JIS, BIS
<b>COATING AVAILABILITY</b>	40g - 180g / m <sup>2</sup>







**QATAR STEEL**  
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# QATAR HOT ROLLED COILS

Hot rolled coil is steel that has been rolled-pressed at high temperatures of 900° degrees. This makes the steel easier to mold and results in products that are easier to work with.

To create hot rolled steel, manufacturers begin the process with a large rectangular piece of metal called a billet. The billet is heated and flattened into a large roll from there its state is maintained at high temperatures and run through a series of rollers to achieve the initial shape. The white-hot strands of steel are run through the rollers at high speeds to create sheet metal. Hot rolled steel is spun into coils and left to cool to create plates, bars, and other products.

Hot rolled steel coils are ideal where accurate dimensions, shapes, or surface finishing is not as important compared to material strength. However, if surface finishing is required it can be done with sandblasting, grinding, or acid bath pickling. To neutralize surface oxides the hot rolled steel coils are passed through an acidic solution and subsequently oiling the surface to make it corrosion-resistant.

**Key features of our PPGI Coils are below:**

- Choice of customization as per the customers' requirements.
- Finding use in the fabrication of container vessels, boiler, vehicle, building materials, and factory structures.
- Available in all lengths and sizes according to customer requirements.
- Material Thickness from 1.20 to 16.00 mm and width from 1000 to 1500 mm.
- QSIF provides Most of the common Grades and which are CE approved and internationally approved standards, which meets the European and Middle Eastern Markets.





# HOT ROLLED COILS

## TECHNICAL DATA SHEET

### QATAR STEEL

INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### HOT ROLLED OR HR COILS

THICKNESS	1.20 mm to 16.00 mm
MATERIALS SURFACE TREATMENT	Hot Rolled
WIDTH	1000 mm to 1500 mm
APPLICATION	Electronic Machines, Manufacturing Containers, Architectural Windows and Automobile Industry.
GRADES AVAILABLE	ASTM, EN, JIS, BIS
COATING AVAILABILITY	NA







**QATAR STEEL**  
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# QATAR PRE-PAINTED COILS

PPGI is pre-painted galvanized iron also known as pre-coated steel, coil coated steel, color coated steel etc. typically with a hot dip zinc coated steel substrate. The term is an extension of GI which is a traditional abbreviation for Galvanized Iron. We're leading manufacturer and suppliers of color coated coils or PPGI coil in the region at most competitive prices.

We're leading suppliers with more than 40 years of experience in PPGI, GI, Hot Rolled and Cold Rolled Coils. Color coated coils are widely used in building, roofing, transport, home appliances, solar energy, furniture and much more. There are countless end uses for PPGI coils. PPGI Coils exhibit high degrees of strength and dimensional accuracy for use in various manufacturing industries spanning a wide range of sectors. We offer the 0.3mm to 6.00mm thickness and 1000mm to 1250mm width of the pre-painted galvanized iron coils. Color coated coils are having highest standard of manufacturing.

**Key features of our PPGI Coils are below:**

- Rust or corrosion free
- ASTM, EN, JIS, BIS standards
- 40g to 180g / m<sup>2</sup> coating availability
- High Flexibility
- High temperature resistance







# PPGI COILS

## TECHNICAL DATA SHEET

### QATAR STEEL

INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

### PRE-PAINTED GALVANIZED IRON OR PPGI COILS

THICKNESS	0.30 mm to 6.00 mm
MATERIALS SURFACE TREATMENT	Pre-Painted Galvanized Iron
WIDTH	1000 mm to 1250 mm
APPLICATION	Electronic Machines, Manufacturing Containers, Architectural Windows and Automobile Industry.
GRADES AVAILABLE	ASTM, EN, JIS, BIS
COATING AVAILABILITY	40g - 180g / m <sup>2</sup>





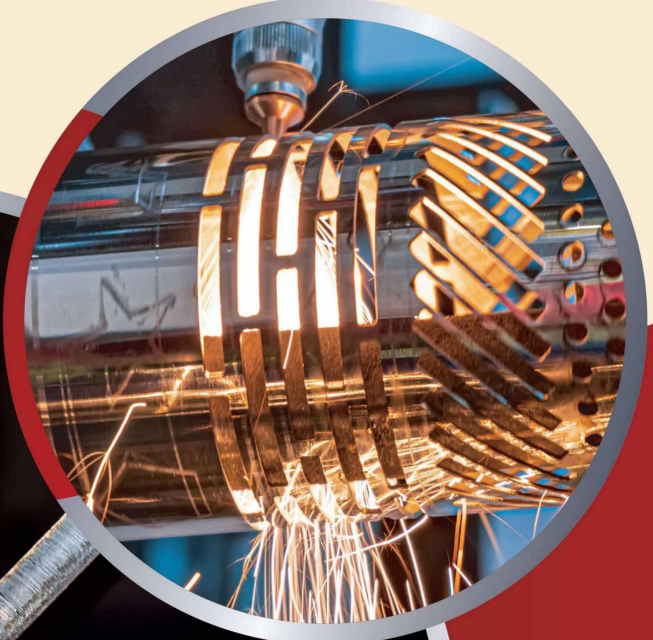


# QATAR STEEL

INDUSTRIES FACTORY (W.L.L)

مصنع قطر للصناعات الحديدية

SERVICES CATALOGUE



[qatarsteelfactory.com](http://qatarsteelfactory.com)





**QATAR STEEL**  
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مصنع قطر للصناعات الحديدية

# QATAR CNC DRILLING SERVICES

Qatar Steel Industries Factory is one of the leading companies that provides CNC drilling services in the region with the most accurate results. For numerous industries, precision, and productivity are top priorities. With the introduction of computer numerical control (CNC) for metal drilling applications, companies across the board can achieve both when drilling holes or other shapes at a set diameter and length, providing their products or equipment with a universal set of components that ensure safety, performance, and reliability for all users.

This fast and effective manufacturing technique is capable of producing accurate holes or threads in a fraction of the time necessary when manual operations are being practised. For this reason, industries frequently utilize CNC machining in order to cut costs, improve productivity and promote efficiency.

QSIF offers CNC drilling services for all types of metals in order to create different applications or profiles such as base-plate holes, hubs, machined shafts, gear blanks, aluminium profiles and much more.

#### Advantages of QSIF CNC Drilling Services:

- **Accuracy** – The precision offered by CNC is unmatched. It has provided companies in all industries with many returns, including raised productivity, lowered expenses and optimized production lines.
- **Versatility** – It's a significant advantage that CNC drilling machines are capable of accepting multiple bits.
- **Reproducibility** – A continuous challenge for companies across markets is producing identical batches of products. This hurdle becomes amplified for custom machining projects. With CNC, however, those challenges are solved, leading to a consistent, imperfection-free production line.
- **Technical Data** – We offer CNC drilling services ranging from 0.10 mm to 150.00 mm, capable of drilling holes up to 100 mm in MS, SS and Aluminium materials.







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

# QATAR COIL SLITTING

At Qatar Steel Industries Factory, we are dedicated to delivering innovative and cutting-edge coil slitting solutions in Qatar that meet the highest quality standards and exceed our clients' expectations. With a strong commitment to timeliness and customer satisfaction, we take pride in our ability to provide outstanding results. Our Expertise With extensive industry experience and a team of highly skilled operators, we possess the expertise to handle coil slitting projects of any scale. We utilize state-of-the-art rotary slitting knives and advanced techniques to ensure precision, efficiency and accuracy throughout the process. By combining our technical capabilities with efficient warehouse logistics, we can deliver exceptional coil slitting services made to your specific requirements.

**Flexibility and Speed** Understanding the diverse needs of our customers, we offer both long production runs and the flexibility to accommodate small quantity requests. Our advanced equipment and dedicated workforce enable us to adapt quickly and provide rapid turnaround times, ensuring that your project is completed on time, every time.

## Advantages of Qatar Steel Industries Factory's Coil Slitting Services:

- High-quality results
- Precision and accuracy
- Timely project delivery
- Flexibility to handle both long production runs and small quantity requests
- Rapid turnaround times
- Ability to accommodate customer-specific requirements
- Specialization in various coil types (PPGI, CR, GI, HR)
- Wide thickness range (0.3mm to 4mm)

## Technical details are as follows:

- **Length:** We can slit coils up to a maximum length of 6000 meters, according to customer requirements. The minimum length we can accommodate is 1500 mm.
- **Materials:** We specialize in slitting various types of coils, including PPGI, CR, GI and HR coils. Our comprehensive range of materials allows us to cater to a wide range of industries and applications.
- **Thickness:** Our coil slitting services cover a thickness range from 0.3mm to 4mm. We understand the importance of meeting your precise specifications.

Trust Qatar Steel Industries Factory for high-quality coil slitting services in Qatar that prioritize excellence, efficiency and customer satisfaction. Contact us today to discuss your project needs and experience the difference of our industry-leading solutions.







**QATAR STEEL**  
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مصنع قطر للصناعات الحديدية

# QATAR CUTTING AND BENDING

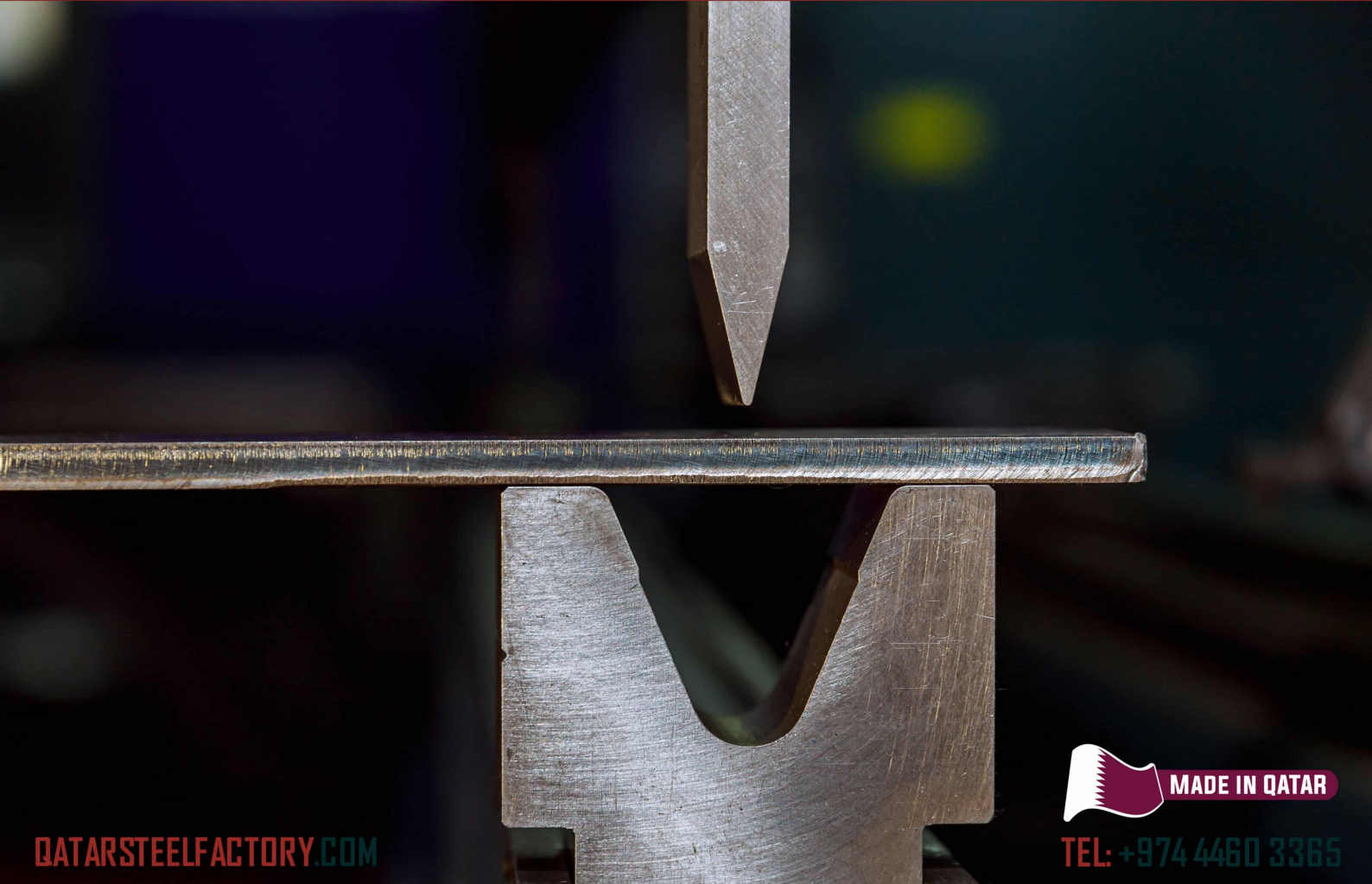
Sheet metal bending / folding is a very common forming method used to give the desired shape onto structural steel, stainless steel, aluminium etc. parts. A press brake is used to give the final shape to a part. It is important to bear in mind that bending is done after the cutting process. We specialize in handling materials with thicknesses ranging from 0.10 mm to 16.00 mm.

Qatar Steel Industries Factory has many years of experience in sheet metal cutting and bending proves that we provide quality service within the agreed time limits. Bending and cutting of sheet metal is done on test machines, where we can ensure quality cutting and bending with appropriate tolerances. Metal bending services help you to create sheet metal by the application of force. Metal bending is used to apply a preferred shape to the metal without welding. We carry out the bending of sheet metal parts using electrical and hydraulic CNC press brakes.

The minimum bending radius depends on the plasticity and thickness of the material. Generally, we recommend the largest possible bending radius to avoid cracking on the outer surface.

#### **Metal Folding services are:**

- V-bending
- U-bending
- Step bending
- Roll bending
- Rotary bending







**QATAR STEEL**  
INDUSTRIES FACTORY (W.L.L.)  
مصنع قطر للصناعات الحديدية

# QATAR LASER CUTTING

Laser cutting is a technology that uses a laser to slice materials. While typically used for industrial manufacturing applications. Qatar Steel Industries Factory has provided laser cutting services in Qatar for all types of metal / steel since its foundation in 1980. Our metal laser cutting includes carbon steel, stainless steel, high-strength steels as well as non-ferrous materials like aluminium, brass, copper, and titanium etc. Our skilled CNC Laser Metal Fabricators produce precision parts and components.

Laser cutting is an extremely effective process for cutting plate or sheet metal and an excellent solution for customers working with difficult profiles requiring tight tolerances, precision, and high speed cutting. Our laser cutting services give our customers the advantages of extreme accuracy, material maximization, the elimination of hard tooling and the ability to accommodate creative geometry design and thicker materials.

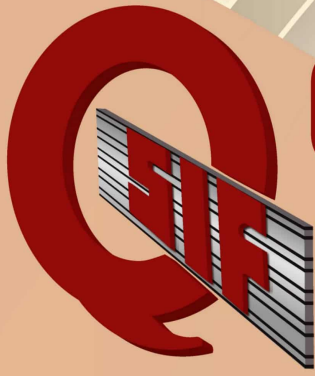
**We offer Laser Cutting services in Qatar for all type of steel and metal, such as:**

- Carbon Steel
- Low Carbon Steel or Mild Steel
- Medium Carbon Steel
- Stainless Steel
- Galvanized Steel
- Aluminium

**Why Laser Cutting with QSIF?**

- Instant manufacturing quotes
- Rapid processing times
- Reduced energy consumption and cut the extra costs due to greater efficiency
- Greater reliability and performance
- High quality results
- Higher productivity
- Delivery all over the GCC
- Thicknesses ranging from 0.10 mm to 35.00 mm





# QATAR STEEL

INDUSTRIES FACTORY (W.L.L)  
مصنع قطر للصناعات الحديدية

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