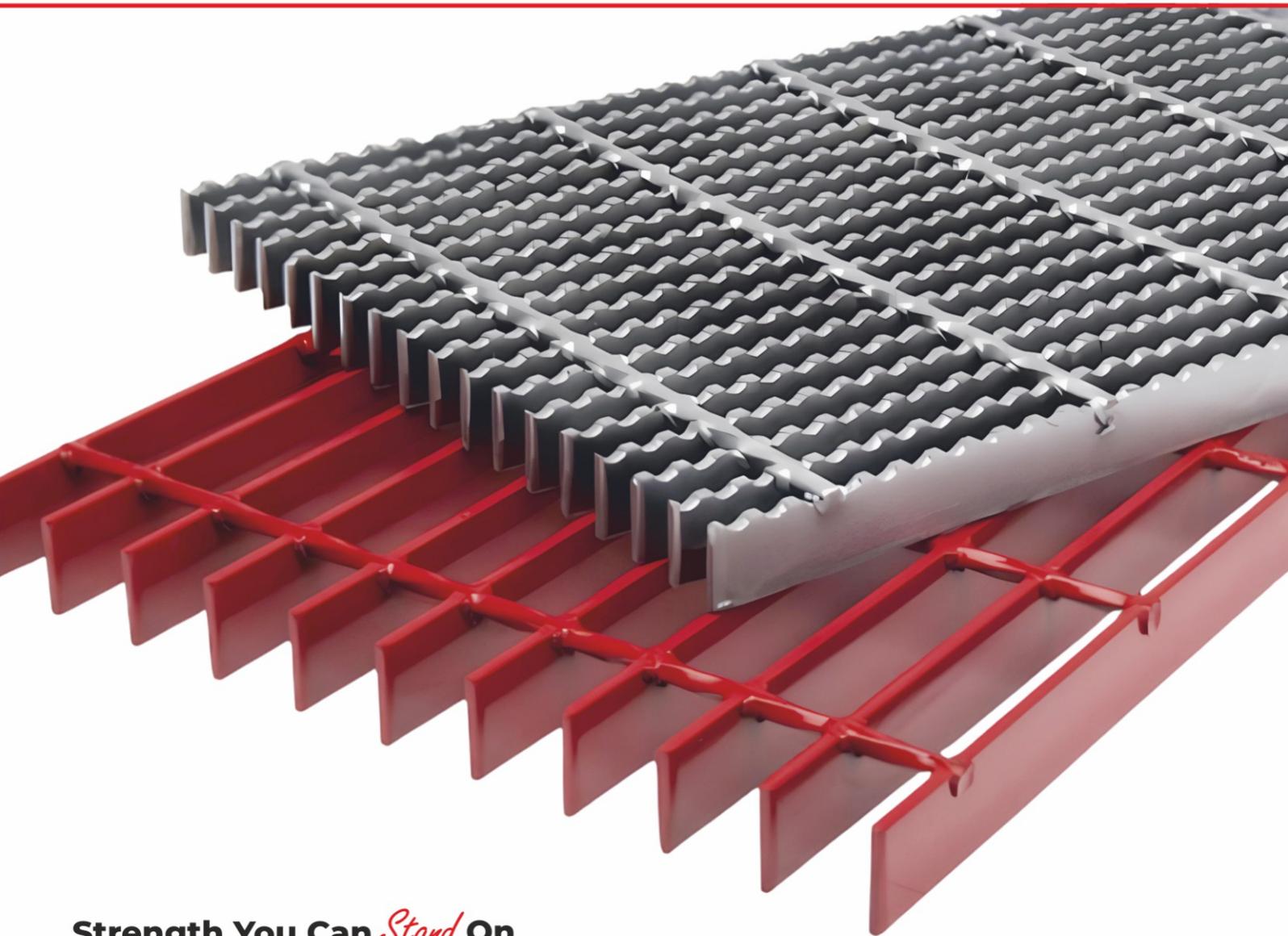




ELECTRO FORGED
INDUSTRIAL STEEL GRATING
MANUFACTURER



Strength You Can *Stand* On

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PROUDLY SERVING WITH PREMIUM STEEL GRATINGS

Rahul Steel India Pvt. Ltd. is a leading manufacturer and supplier specializing exclusively in high-quality Steel Gratings. With a strong commitment to strength, safety, and durability, we deliver reliable grating solutions for industrial and infrastructure applications.

As a trusted name in the sector, Rahul Steel India Pvt. Ltd. consistently delivers high-quality steel products and reliable solutions, contributing significantly to the development and advancement of the steel industry. Its customer focused approach and adherence to industry standards have earned a solid reputation for excellence and dependability.

With our focus on continuous improvement sustainable growth, Rahul Steel India Pvt. Ltd. leverages modern processes, skilled expertise, and efficient supply chain management meet diverse industry requirements. The company remains committed to building long-term partnerships by offering timely deliveries.



OUR MISSION

To manufacture, deliver high quality steel grating & mesh solutions that meet international standards, while ensuring reliability, safety, customer satisfaction through innovation, efficiency, and timely service.



OUR VISION

To become a globally recognized leader in steel grating solutions by continuously enhancing product quality, expanding our international presence, and adopting sustainable and advanced manufacturing practices.

ORGANIZATION SETUP

NAME OF FIRM	: RAHUL STEEL INDIA PRIVATE LIMITED
ADDRESS	: Survey No. 1576, Plot No.4, Tejas Industrial Park, Kuha Bhavda Road, Indore Highway, Bhavda, Ahmedabad-382433, Gujarat (India). info@rsiplgroup.com
E-MAIL	: sales@rsiplgroup.com account@rsiplgroup.com marketing@rsiplgroup.com purchase@rsiplgroup.com
WEBSITE	: www.rsiplgroup.com
GSTIN	: 24AANCR2842R1ZP
PAN	: AANCR2842R
MSME	: UDYAM-GJ-01-0387547
DIRECTOR	: DILIP CHOUDHARY
MOBILE NO.	: +91 9981848646/9827849452
DIRECTOR	: RAJ KUMAR
MOBILE NO.	: +91 7650010000/7055303615
BANK	: ICICI BANK
BANK HOLDER	: RAHUL STEEL INDIA PVT LTD
IFS CODE	: ICIC0004932
A/C NO.	: 493205500051
BRANCH	: MANEKBAUG SHYAMAL, AHMEDABAD GUJARAT.

QUALITY POLICY

Our Excellence

Quality is our prime concern. We are able to maintain high quality standards through our committed personnel and sound infrastructure. We ensure that finest quality material is used for products.

To ensure the quality of each material, we are providing materials Test Certificate along with supply.

Our team of experts maintain a visit on the quality of the products. Every single piece is attached with test certificates and reports. We are continually improving our quality to serve our clients better.

Our Facilities

We have a sound infrastructure. Our spacious warehouse has the capacity to store large quantities of products. We possess a team of experts who are sourcing products of international standard to keep abreast with the global markets. Our qualified professionals have served as a beacon not only for us but also for the entire industry in establishing top-notch quality standards.

Third Party Inspection

RAHUL STEEL INDIA can offer you material with inspection of and third. Third party inspection offers quality and thorough inspection for buyers. The Inspection Agency can be nominated by client or we can arrange the third party inspection by various world class reputed agency like below...

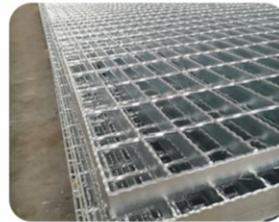


QUALITY CONTROL

With a well-established quality management system, we conduct strict inspections at every stage of steel grating production. Each product undergoes thorough quality checks during manufacturing and is re-inspected before dispatch to ensure it reaches our customers in perfect condition.

APPEARANCE INSPECTION

Every steel grating panel is individually inspected to ensure a smooth finish, uniform welding, and overall structural integrity. Any defective or non-conforming product is immediately segregated and replaced with approved material.



Appearance Inspection



Bearing Bar Size Inspection

DIMENSIONAL INSPECTION

All dimensions including bearing bar thickness, bearing bar size, cross bar size, width, length, and height are carefully measured using precision instruments such as vernier calipers, micrometers, and measuring gauges. All measurements strictly comply with International Standards and customer specifications.



PERFORMANCE INSPECTION

Load-bearing capacity and structural performance are tested through sampling inspection as per customer requirements and relevant industry standards. Test reports are provided along with the material whenever required.



PACKAGING INSPECTION

Steel gratings are securely packed using steel straps and wooden or metal pallets to ensure safe transportation. Each package is checked for proper quantity, weight accuracy, and structural stability to withstand handling and transit conditions.



BENEFITS

BENEFITS

Wide Range of Bar Grating Options

We offer safe, durable, and high-performance steel grating solutions suitable for all industrial environments.

Excellent Ventilation & Light Transmission

Open-grid design allows maximum airflow and light penetration while maintaining superior load-bearing strength from light pedestrian traffic to heavy vehicular loads.

Long Service Life

Outperforms wood, plastic, and other metal alternatives with exceptional durability and extended lifespan.

Easy Installation & Fabrication

Designed to adapt to complex layouts and hard-to-fit areas, ensuring quick installation and easy customization.

Low Maintenance

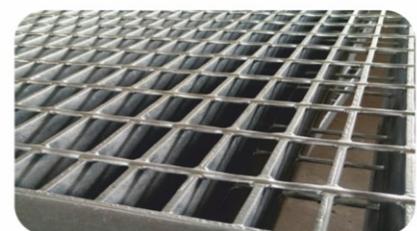
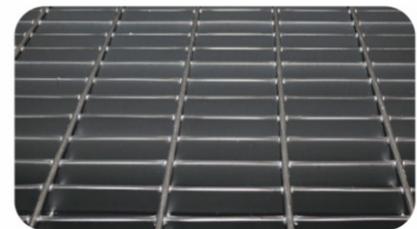
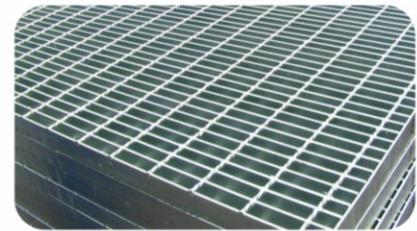
Open construction enables efficient drainage and prevents debris accumulation, reducing maintenance costs.

KEY ADVANTAGES

- High strength and load capacity
- Anti-slip surface options (serrated available)
- Superior corrosion resistance
- Excellent drainage performance
- Easy to install and maintain

SPECIFICATIONS (STANDARD)

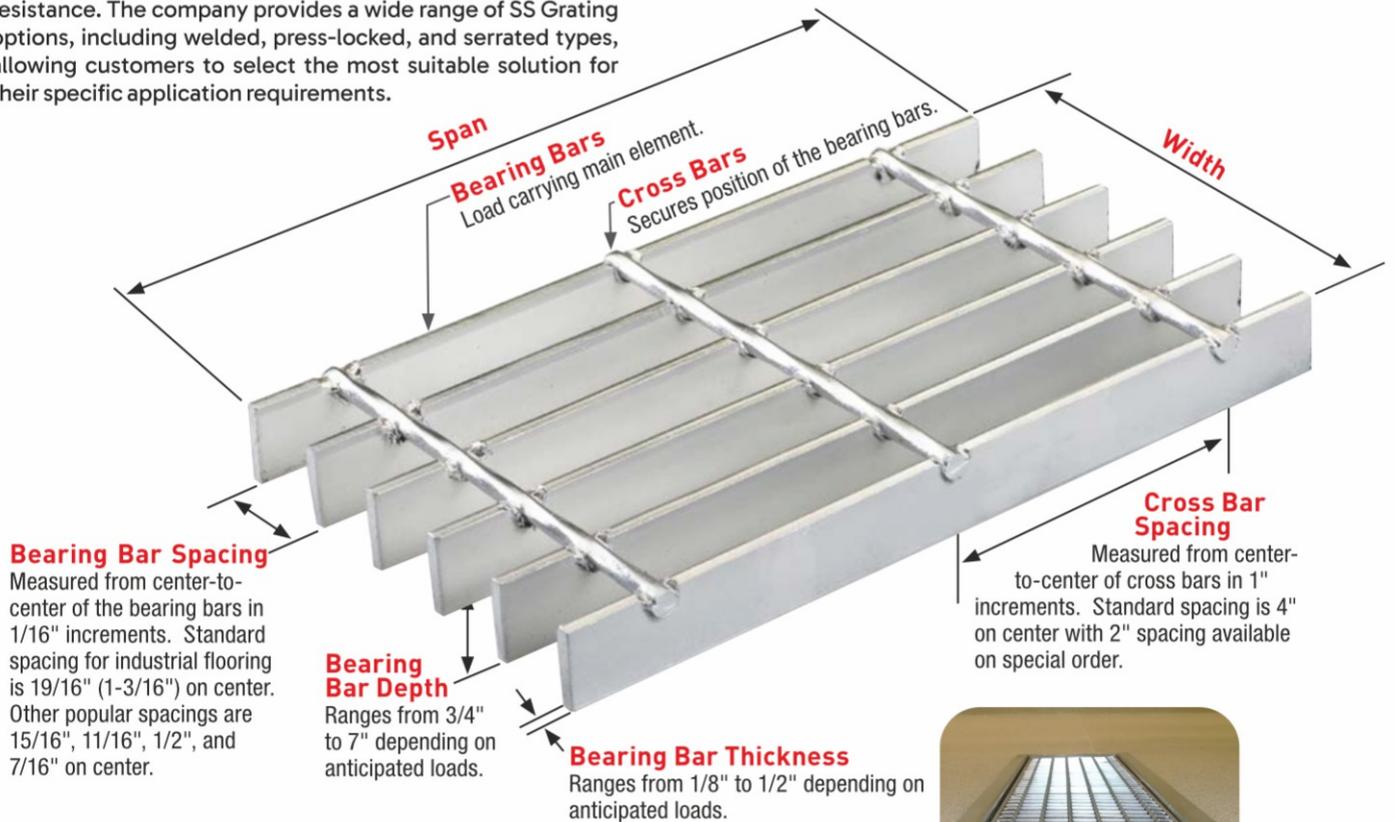
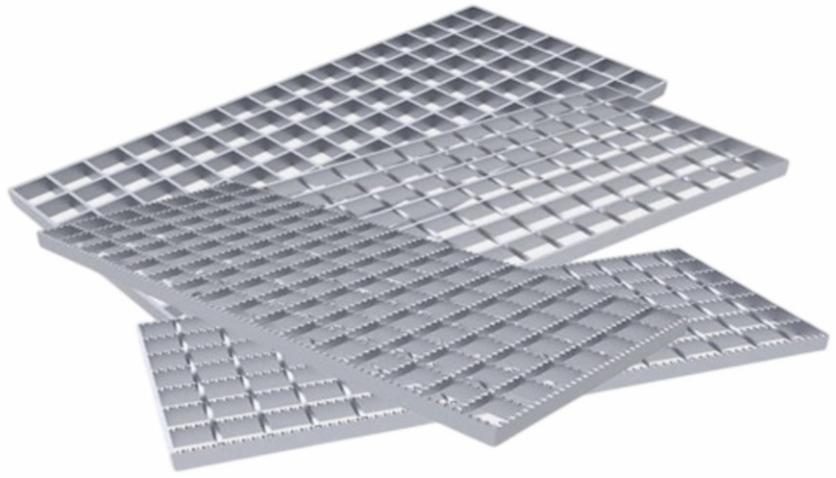
- Material: Carbon Steel
- Surface Treatment: Galvanized / Painted / Untreated
- Surface Type: Plain / Serrated
- Bearing Bar Type: Flat Bar
- Cross Bar Type: Round Bar / Twisted Square Bar



STAINLESS STEEL GRATING

Rahul Steel India Private Limited is a reliable manufacturer and supplier of premium-quality Stainless Steel Gratings (SS Gratings), engineered to meet the demanding requirements of industrial, commercial, and infrastructure applications. Renowned for their exceptional durability, high strength, and superior corrosion resistance, these gratings are ideal for environments where hygiene, safety, and long service life are essential such as chemical plants, food processing facilities, and marine installations.

Manufactured using high grade stainless steel and advanced fabrication technologies, Rahul Steel India's SS Gratings offer precise dimensions, consistent strength, and excellent load-bearing performance. Each grating is produced in compliance with international quality standards, ensuring accurate alignment, uniform construction, and enhanced slip resistance. The company provides a wide range of SS Grating options, including welded, press-locked, and serrated types, allowing customers to select the most suitable solution for their specific application requirements.



These gratings are resistant to rust, moisture, and chemical exposure, making them ideal for both indoor and outdoor applications. Their smooth finish and aesthetic appeal also make them suitable for architectural and decorative uses where functionality and design are equally important.

Rahul Steel India also focuses on delivering customized SS Grating solutions tailored to client requirements, including specific sizes, shapes, and load capacities. With a commitment to quality, reliability, and customer satisfaction, the company ensures that every SS Grating product provides maximum safety, performance, and long-lasting service, making it a preferred choice for diverse industrial and commercial projects.



Corrosion Resistance

Durability

Strength

Hygienic Surface

Slip Resistance

Steel bar grating is manufactured from ASTM A-1011 mild carbon steel and is available in three standard product types: Type "W" welded bar grating, Type "DT" dovetail pressure-locked grating, and Type "SL" swage-locked grating. All three variants are offered with bearing bar spacing ranging from 1-3/16" (19/16") to 7/16" on center, along with cross bars spaced at either 4" or 2" on center, allowing flexibility for different load and application requirements.

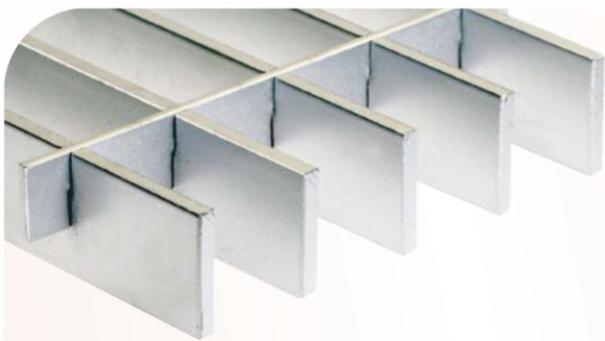
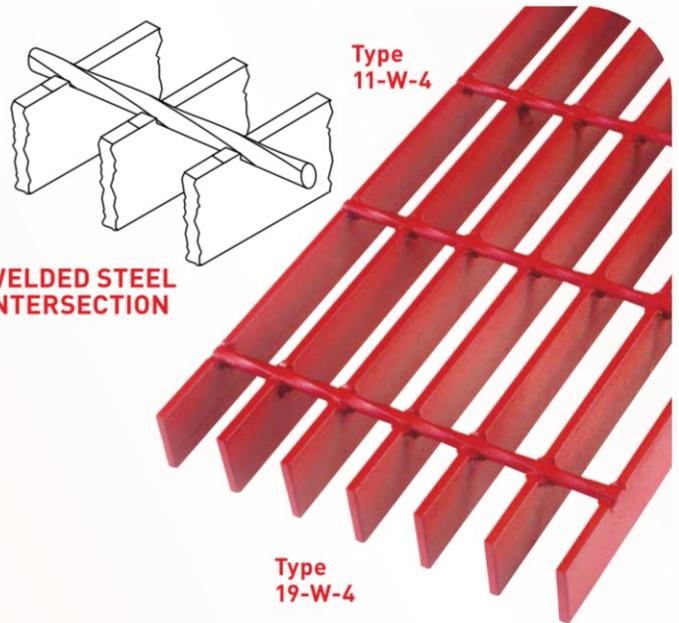
Each grating type is supplied with a standard plain surface, with optional serrated or Algrip surfaces available to enhance slip resistance. A variety of finish options are also offered, including bare steel, painted, hot-dip galvanized, and specialty protective coatings, ensuring suitability for diverse environmental conditions.

Type "W" Welded Steel Grating

Type "W" welded steel gratings are our most economical grating solution, manufactured by forge-welding rectangular bearing bars with drawn cross bars. This advanced welding process creates a strong, permanently fused connection, ensuring exceptional durability and long-lasting performance even under the most demanding service conditions.

Among these, Type 19-W-4 steel grating is our most widely used and popular option, making it suitable for nearly all industrial flooring applications. Featuring approximately 80% open area, it allows efficient passage of dirt, debris, snow, and liquids, resulting in excellent drainage and a virtually self-cleaning surface.

For applications requiring closer spacing, Type "W" gratings are also available in ADA-compliant configurations, including 11-W-4 and 7-W-4, which are commonly specified for public and pedestrian areas. When selecting Type 11-W-4 for ADA applications, 3/16" thick bearing bars must be specified to ensure compliance and structural integrity.



Type "DT" Dovetail Pressure Locked Steel Grating

Type "DT" steel gratings have deep rectangular cross bars and are manufactured by inserting pre-punched bearing bars and cross bars into an "egg-crate" configuration and deforming the cross bars under intense hydraulic pressure.

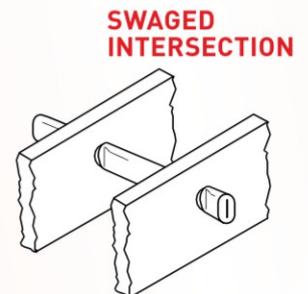
The deep cross bars on type "DT" gratings make them popular for architectural applications such as sun shades and infill panels with the deeper cross bar serving a distinct architectural accent.



Type "SL" Swage Locked Steel Grating

Type "SL" steel gratings are manufactured by inserting hollow tube cross bars into pre-punched holes in the bearing bars. The cross bars are then swaged forming a positive mechanical connection. The cross bars are recessed below the top surface of the bearing bars providing a uniform and attractive architectural appearance.

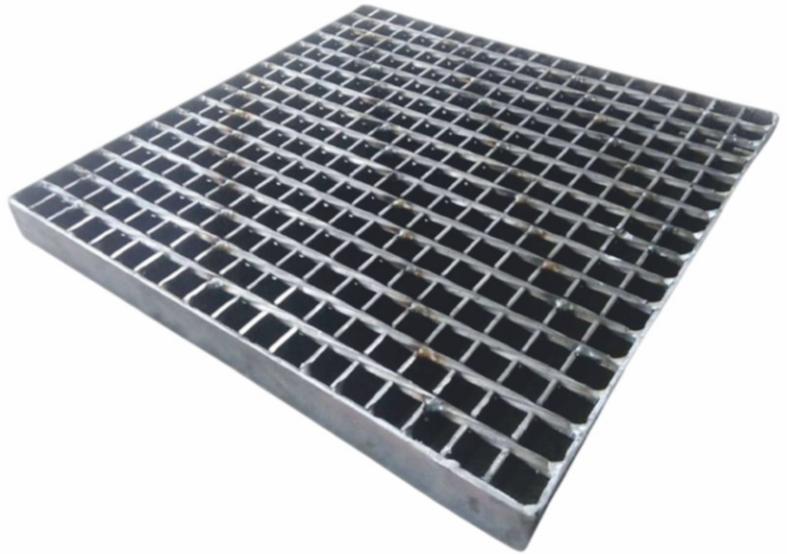
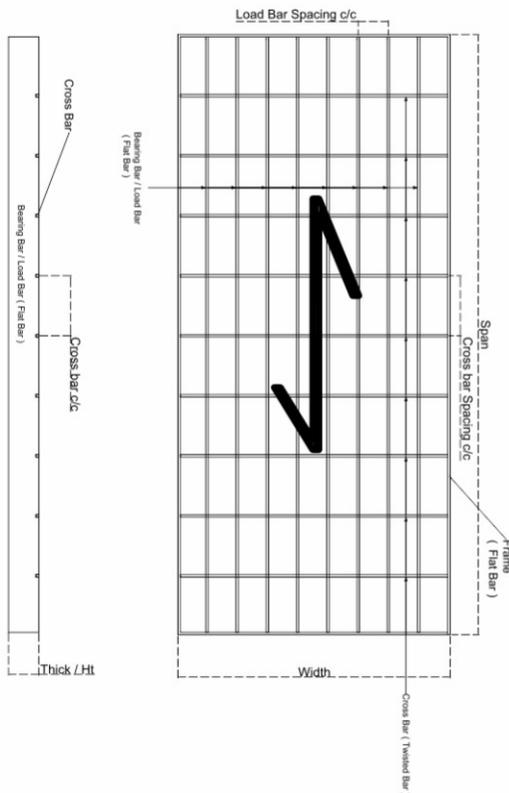
Swage locking is a particularly efficient process for the production of close mesh gratings. Type 7-SL-4 with 3/16" thick bearing bars provides a net 1/4" clear opening between the bearing bars. This narrow opening is often preferred in public areas where concerns of drainage and the presence of high heeled shoes converge.



MILD STEEL GRATING

Rahul Steel India Private Limited is a well established manufacturer and supplier of premium quality MS Grating (Mild Steel Grating), engineered to meet the varied requirements of industrial, commercial, and infrastructure projects. The company is widely recognized for providing durable, dependable, and cost effective grating solutions that deliver enhanced safety, structural stability, and long-lasting performance. Backed by years of expertise in steel fabrication, Rahul Steel India integrates advanced manufacturing technology with skilled craftsmanship to produce products that meet stringent quality standards.

Manufactured from high-grade mild steel, the company's MS Gratings offer excellent strength and superior load-bearing capacity, making them ideal for heavy-duty applications such as flooring, walkways, stair treads, platforms, and drainage covers. These gratings are extensively used in factories, power plants, refineries, and construction sites. Each MS Grating is produced using precise fabrication processes, including cutting, welding, and finishing, ensuring dimensional accuracy, uniformity, and consistent quality across every product.



Rahul Steel India also offers customized MS Grating solutions tailored to meet specific client requirements, including size, thickness, bearing bar spacing, and surface finish. Customers can choose from various finishes such as painted, powder-coated, or hot-dip galvanized, depending on their application and environmental conditions. This versatility allows the company to cater to diverse sectors such as construction, oil and gas, chemical, and manufacturing industries.

One of the key advantages of using MS Gratings from Rahul Steel India is their balance of affordability and performance. While offering high mechanical strength, these gratings are cost-effective compared to stainless steel alternatives, making them suitable for large-scale projects without compromising on quality or reliability.

Thickness : 40X5/40X6 mm
Surface Finish : Hot dip Galvanized, Paint
Load Capacity : Extra Heavy Duty
Grating Type : Welded
Sheet Size (WXL) : 1000mm X 6000mm

Corrosion Resistance

Durability

Strength

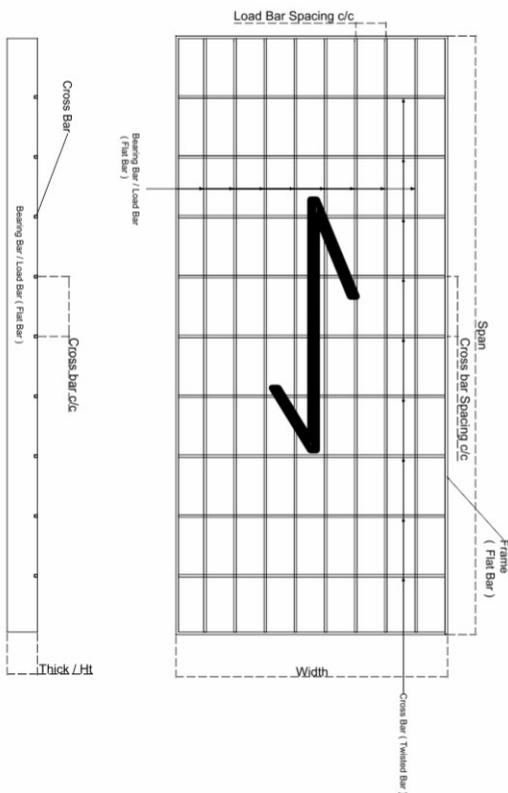
Hygienic Surface

Slip Resistance

GI GRATING

Rahul Steel India Private Limited is a leading manufacturer and supplier of premium-quality GI Gratings (Galvanized Iron Gratings), engineered to deliver durable and corrosion-resistant solutions for industrial, commercial, and infrastructure projects. The company is recognized for offering dependable and cost-effective grating products that ensure safety, structural strength, and long-term performance. By utilizing high-grade materials and advanced fabrication processes, Rahul Steel India consistently delivers products that meet stringent quality and reliability standards.

Manufactured from galvanized iron, the company's GI Gratings provide excellent resistance to rust and corrosion, making them highly suitable for outdoor applications and environments exposed to moisture and harsh weather conditions. These gratings are extensively used for walkways, platforms, stair treads, drainage covers, and industrial flooring, where durability and consistent performance are essential.



Rahul Steel India provides a variety of GI Grating types to suit different project requirements, including welded, press-locked, and serrated options. These gratings are designed to offer enhanced load-bearing capacity, safety, and slip resistance, ensuring reliable performance in both industrial and commercial applications. The company also offers customized solutions to meet specific size, thickness, and load requirements for diverse projects.

Their durability and strength allow them to withstand heavy loads and continuous usage, providing safe and stable surfaces in demanding environments. This makes GI Gratings a cost-effective solution for large-scale industrial projects, infrastructure, and construction applications where durability and safety are critical.

Thickness	: 3mm, 5mm, 6mm, 8mm, 10mm
Material	: Galvanised Iron
Surface Finish	: Galvanized
Usage/Applications	: Commercial buildings
Color	: Silver
Shape	: Custom Design

Corrosion Resistance

Durability

Strength

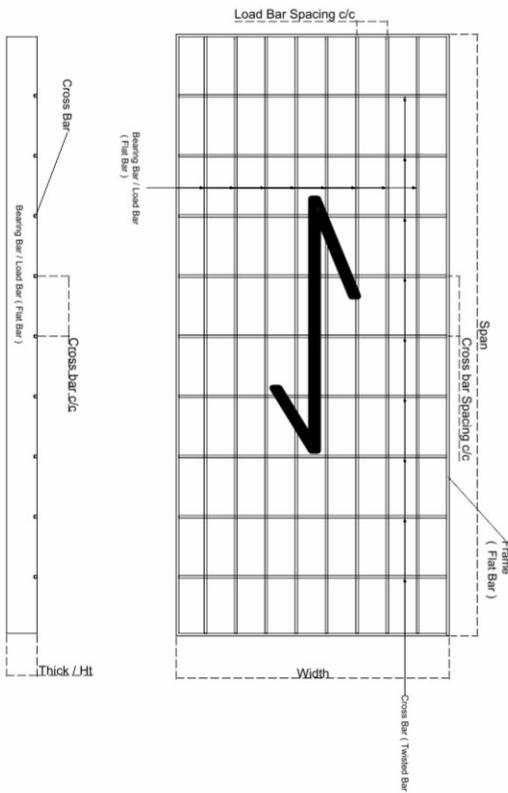
Hygienic Surface

Slip Resistance

PLATFORM GRATING

Rahul Steel India Private Limited is a reliable manufacturer and supplier of premium-quality Platform Gratings, engineered to deliver strong, durable, and safe flooring solutions for industrial, commercial, and infrastructure projects. Renowned for precision engineering and superior workmanship, the company ensures that every platform grating complies with strict quality standards and provides consistent performance even in challenging environments. These gratings are designed to withstand heavy loads and continuous usage while maintaining structural stability and safety.

Rahul Steel India's Platform Gratings are extensively used in elevated walkways, mezzanine floors, maintenance platforms, and various industrial flooring applications. Designed with slip-resistant surfaces, they enhance worker safety and enable smooth, efficient movement across high traffic and operational areas. With a focus on durability, these gratings are made from premium-grade materials such as mild steel, stainless steel, and galvanized iron, depending on the application and environmental requirements.



Rahul Steel India offers customized platform grating solutions to meet specific project needs, including various sizes, load capacities, thicknesses, and surface finishes. Options like serrated surfaces are available to enhance grip and minimize slipping risks in wet or oily conditions.

The company also provides coated or galvanized finishes to ensure corrosion resistance and extend the lifespan of the gratings, especially in outdoor or harsh industrial environments. With a focus on durability, these gratings are made from premium-grade materials such as mild steel, stainless steel, and galvanized iron, depending on the application and environmental requirements.

Load Capacity : Light Duty
Thickness : 3mm
Sheet Size (WXL) : 1000mm X 6000mm
Surface Finish : Galvanized, Paint
Usage/Applications : Industrial

Corrosion Resistance

Durability

Strength

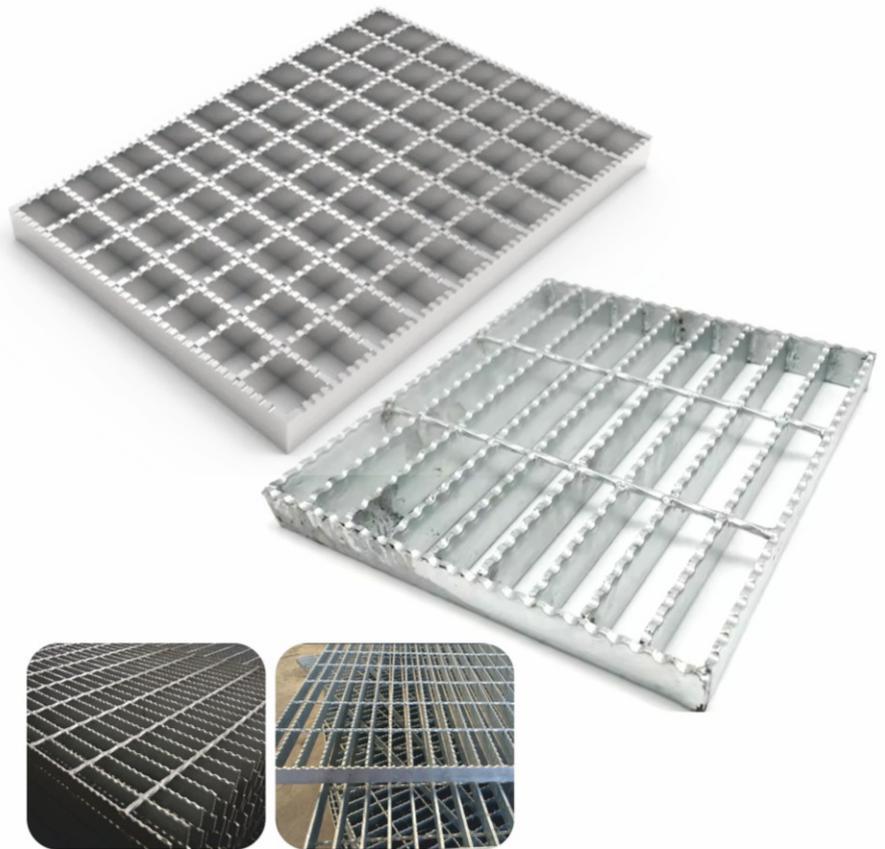
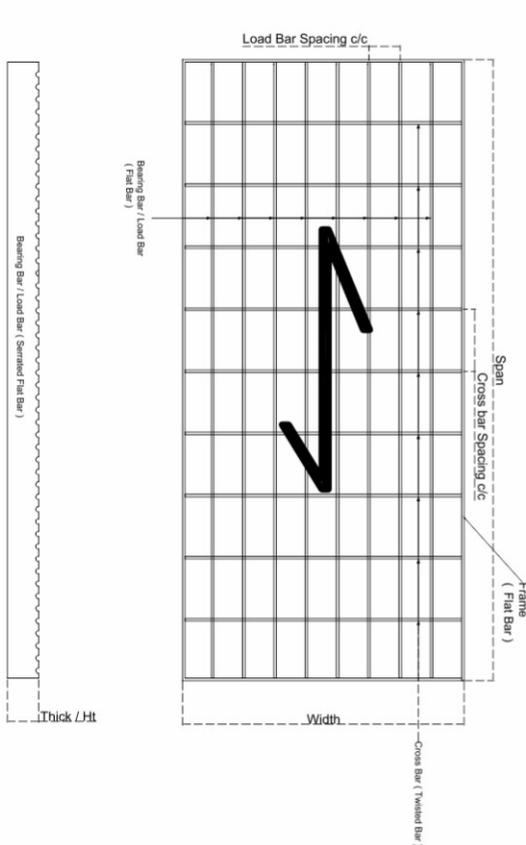
Low Maintenance

Slip Resistance

SERRATED GRATING

Rahul Steel India Private Limited is a leading manufacturer and supplier of premium-quality Serrated Gratings, engineered to deliver strong, durable, and slip-resistant flooring solutions for industrial, commercial, and infrastructure projects. Renowned for precision engineering and superior craftsmanship, the company ensures that every serrated grating meets strict quality standards, providing enhanced safety and reliable performance even in demanding operating conditions. These gratings are designed to withstand heavy loads while offering superior grip, significantly reducing the risk of slips and accidents.

Manufactured using high-quality materials, including galvanized iron, Rahul Steel India's serrated gratings offer excellent resistance to rust and corrosion, making them ideal for outdoor applications and environments exposed to moisture and harsh weather conditions. Widely used in walkways, platforms, stair treads, drainage covers, and industrial flooring, these gratings deliver long-lasting durability and consistent performance across a wide range of applications.



Rahul Steel India offers customized serrated grating solutions to meet specific project requirements, including different sizes, thicknesses, load capacities, and surface finishes. The gratings can be coated, painted, or galvanized to enhance their resistance to corrosion and environmental exposure. These customization options allow clients to select the right grating for indoor or outdoor applications, ensuring optimal safety, performance, and aesthetics.

- Material** : Mild Steel (MS), Galvanized Iron (GI)
- Load Capacity** : Heavy-duty, medium-duty, or light-duty (depending on material and design)
- Surface Type** : Serrated for slip resistance
- Corrosion Resistance** : High (stainless steel / galvanized)
- Finish** : Plain, Galvanized, Painted

Corrosion Resistance

Durability

Strength

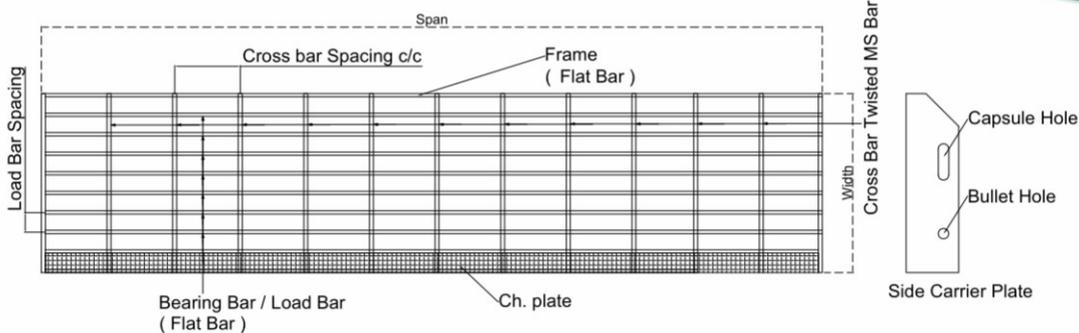
Hygienic Surface

Slip Resistance

STAIR GRATING

Rahul Steel India Private Limited specializes in the manufacturing and supply of high-quality Stair Gratings, designed to provide safe, strong, and durable access solutions for industrial, commercial, and infrastructure applications. Engineered with precision and manufactured to strict quality standards, these stair gratings ensure long service life, excellent load-bearing capacity, and reliable performance under continuous use.

Designed to enhance safety, Rahul Steel India's stair gratings feature anti-slip surfaces that reduce the risk of slips and accidents, even in wet, oily, or high-traffic environments. Their robust construction makes them ideal for use in industrial staircases, platforms, walkways, plants, warehouses, and outdoor structures, where strength, stability, and safety are essential. Built for demanding conditions, these stair gratings offer minimal maintenance while delivering consistent performance and structural reliability.



Rahul Steel India provides a wide range of Stair Grating solutions designed to ensure safety, strength, and durability in industrial, commercial, and infrastructure environments. These stair gratings are engineered with anti-slip features to provide secure footing in high-traffic, wet, or hazardous conditions. Custom fabrication options are available to suit specific staircase dimensions and load requirements.

Designed to withstand heavy foot traffic and harsh operating conditions, these gratings are ideal for industrial staircases, platforms, plants, warehouses, and outdoor structures.

Material : Mild Steel, Stainless Steel, Galvanized Iron
Type : Welded, Press-Locked, Serrated, Custom Design
Surface Finish : Galvanized, Painted, Powder-Coated, or Plain Finish
Load Capacity : Light Duty / Medium Duty / Heavy Duty
Slip Resistance : Serrated or Plain Surface (as required)

Versatile Applications

Weather Resistant

Strong Load-Bearing Capacity

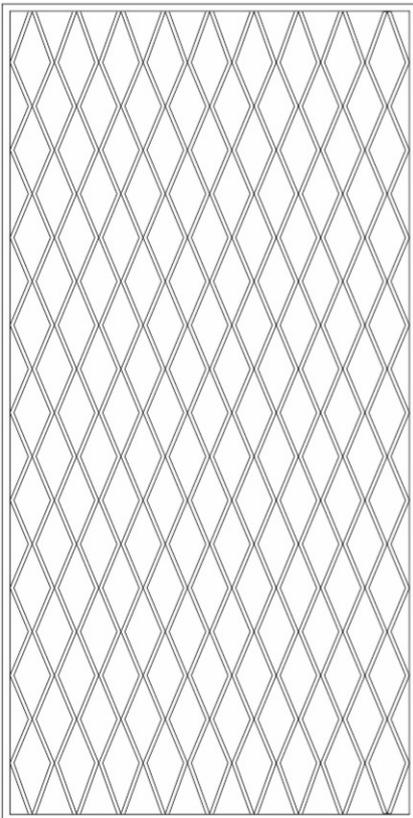
Easy Maintenance

High Durability

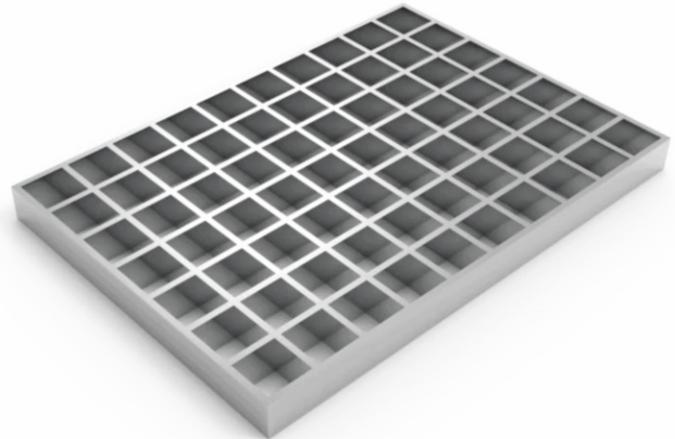
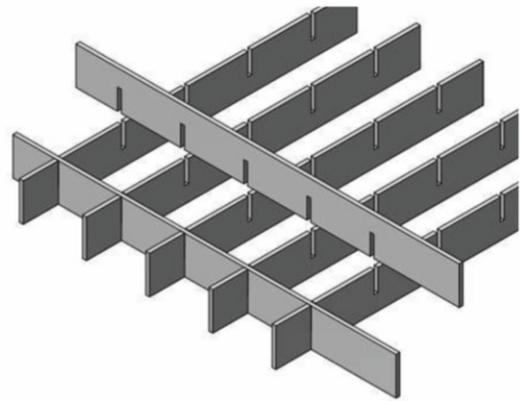
MANUAL GRATING

Rahul Steel India offers high-quality Manual Gratings designed for easy handling, flexibility, and reliable performance across industrial, commercial, and utility applications. These gratings are specially manufactured for locations where frequent removal is required for inspection, cleaning, or maintenance, without compromising on strength and safety.

Engineered using precision fabrication techniques, Rahul Steel India's manual gratings provide excellent load-bearing capacity, corrosion resistance, and long service life. Their lightweight yet robust construction makes them easy to install and remove, making them ideal for drainage systems, service pits, trenches, and utility covers in demanding environments.



HONEYCOMB GRATING



PRESSLOCK GRATING

Rahul Steel India offers Manual Gratings that are specially designed for applications requiring easy access, frequent removal, and safe handling. These gratings are ideal for inspection chambers, drainage channels, service pits, and utility trenches where regular maintenance is essential. Their removable design allows quick lifting without compromising strength or safety.

Manufactured using high-quality materials and precision fabrication techniques, Rahul Steel India's manual gratings excellent load bearing capacity, durability, and resistance to corrosion. Available in multiple sizes & configurations.

Material	: Mild Steel, Stainless Steel, Galvanized Iron
Type	: Removable / Manual Lift Grating
Surface Finish	: Galvanized, Painted, Plain Finish
Load Capacity	: Light Duty / Medium Duty / Heavy Duty
Slip Resistance	: Serrated or Plain Surface (as required)

Corrosion Resistance

Durability

Strength

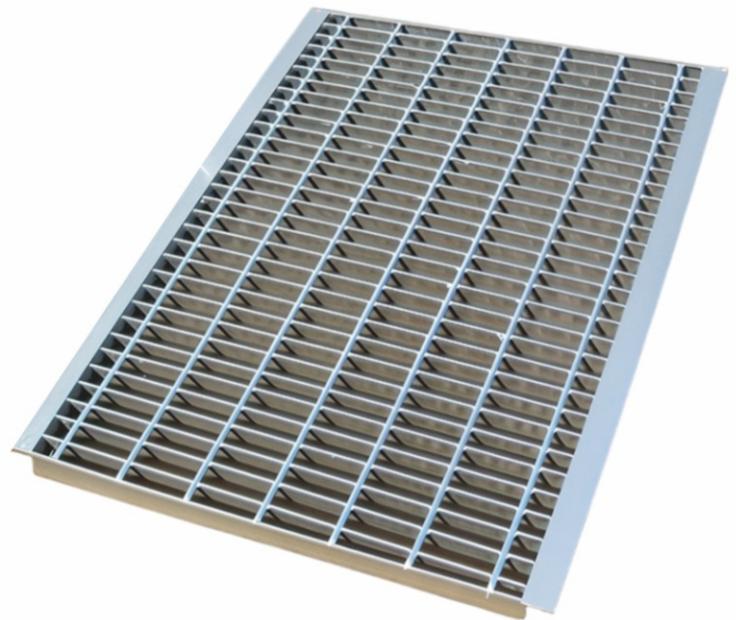
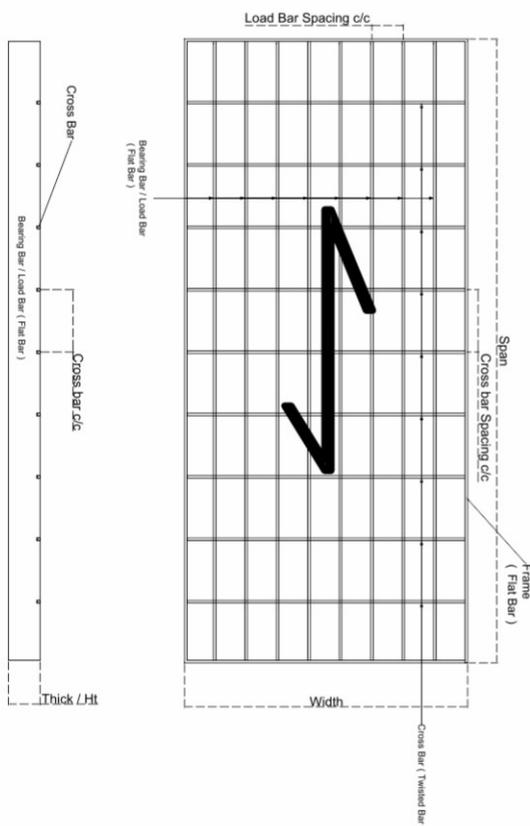
Hygienic Surface

Slip Resistance

DRAIN GRATING

Rahul Steel India Private Limited specializes in the manufacturing and supply of high-performance Drain Gratings that offer dependable and efficient drainage solutions for a wide range of industrial, commercial, and infrastructure applications. Engineered with precision and manufactured to rigorous quality benchmarks, these drain gratings are designed to deliver long service life, excellent corrosion resistance, and minimal maintenance requirements. The company's focus on safety, functionality, and durability ensures products that perform reliably under continuous and demanding use.

Designed to optimize water flow, Rahul Steel India's drain gratings help prevent waterlogging while reducing the buildup of debris and blockages. Their robust construction makes them suitable for use in parking zones, roadways, pedestrian walkways, industrial flooring, and public utility areas where effective water management and structural strength are essential.



Rahul Steel India provides a wide range of drain grating designs, including rectangular, square, and circular patterns, along with custom fabrication options. The company also offers galvanization, powder coating, or painting finishes to enhance the product's life and appearance. These gratings are available in various load-bearing capacities, thicknesses, and sizes, ensuring compatibility with diverse applications such as stormwater drains, floor drains, and industrial trenches.

Manufactured using premium-quality materials such as mild steel (MS), stainless steel (SS), and galvanized iron (GI), these gratings offer exceptional durability, resistance to corrosion, and strength to handle heavy loads and harsh environments.

Material : Mild Steel, Stainless Steel, Galvanized Iron
Type : Rectangular, Square, Circular, or Custom Design
Surface Finish : Galvanized, Painted, Powder-Coated, or Plain Finish
Load Capacity : Light Duty / Medium Duty / Heavy Duty
Slip Resistance : Serrated or Plain Surface (as required)

Versatile Applications

Weather Resistant

Strong Load-Bearing Capacity

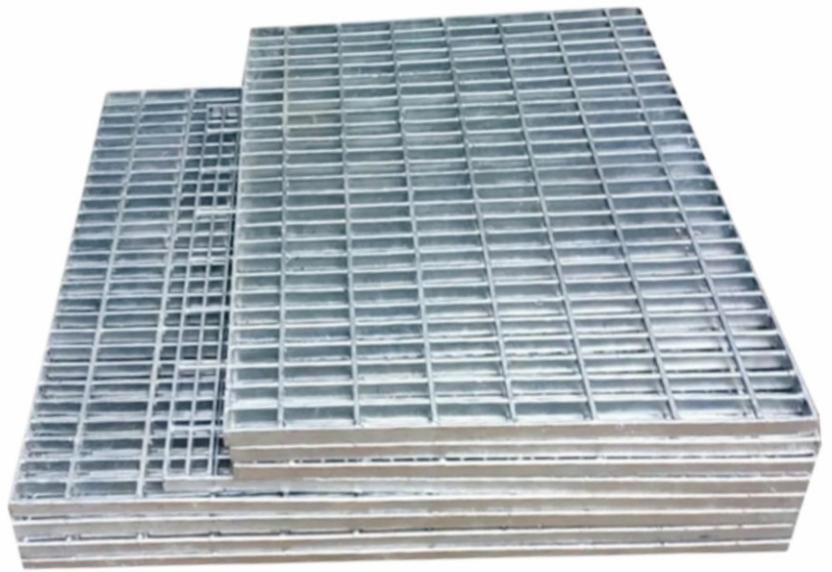
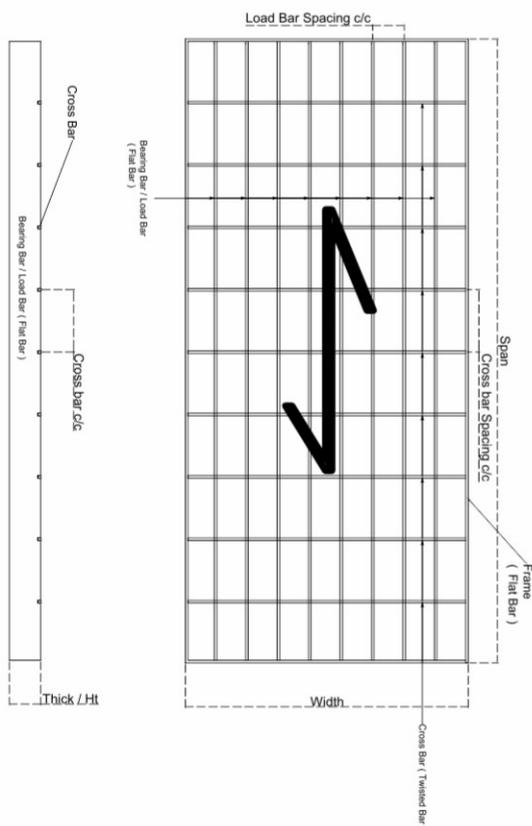
Easy Maintenance

High Durability

ELECTROFORGED GRATING

Rahul Steel India Private Limited is a leading manufacturer and supplier of high-quality Electroforged Gratings, engineered to provide superior strength, durability, and corrosion resistance for industrial, commercial, and infrastructure projects. Known for precision manufacturing and high-quality standards, the company ensures that every electroforged grating delivers reliable performance, long-lasting service, and safety even in the most demanding environments. These gratings are specially designed to handle heavy loads while maintaining structural integrity.

The company's Electroforged Gratings are widely used in factories, power plants, refineries, chemical plants, and other industrial settings where robust and safe flooring is essential. Electroforged gratings are produced by a process that fuses steel bars at the intersections under high pressure, creating a strong, welded structure that offers excellent load-bearing capacity and durability.



Rahul Steel India offers a variety of Electroforged Grating designs tailored to different industrial needs, including plain, serrated, and customized surface finishes. These gratings can be fabricated in various sizes, thicknesses, and load capacities, making them suitable for walkways, stair treads, platforms, mezzanines, and drainage covers. The company also provides galvanization, painting, or powder coating options to enhance corrosion resistance and extend the lifespan of the gratings.

One of the key advantages of Electroforged Gratings from Rahul Steel India is their combination of strength, safety & low maintenance.

Material	: Mild Steel, Galvanized Iron
Mfg. Process	: Electroforged
Surface Type	: Plain or Serrated for slip resistance
Load Capacity	: Light, Medium, or Heavy Duty
Finish	: Plain, Galvanized, Painted

Corrosion Resistance

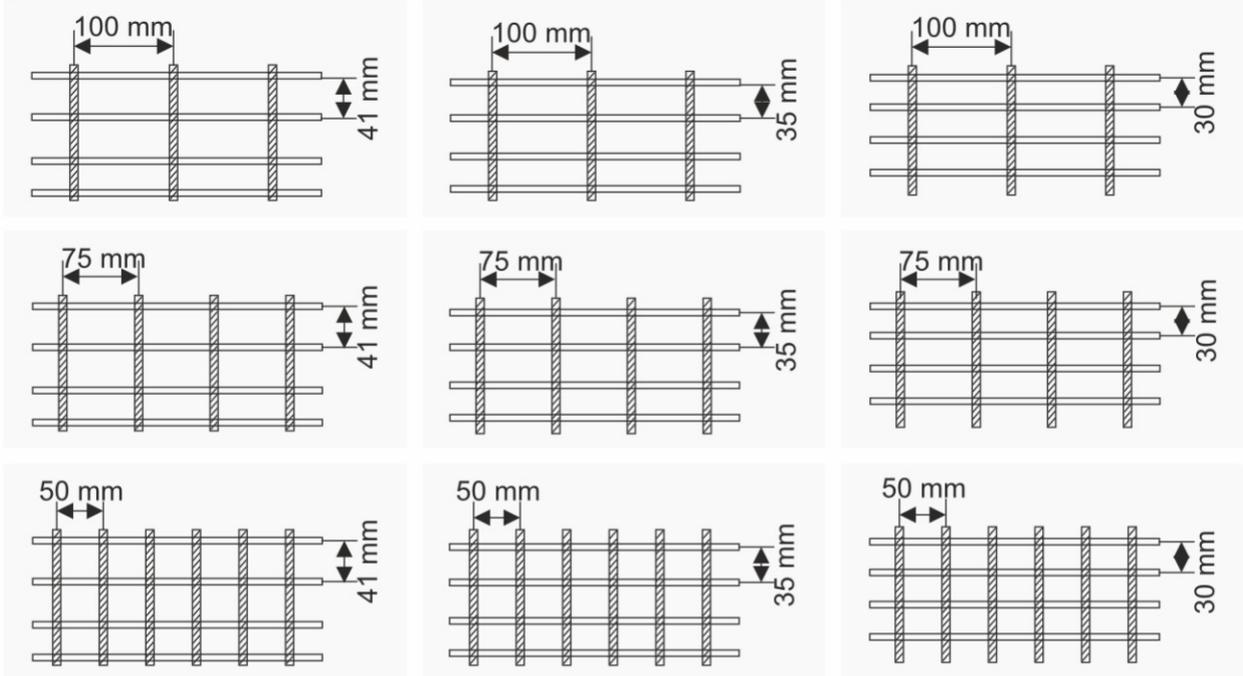
Durability

Strength

Hygienic Surface

Slip Resistance

Standard Mesh of Gratings



Approximate Weight Chart For Standard Mesh Size Of Grating (kg/sqm)

BEARING BAR SIZE											
Mesh Size	25x3	30x3	25x5	30x5	32x5	40x5	50x5	25x6	30x6	40x6	50x6
41x100	21.00	24.00	30.00	34.50	36.50	45.00	55.50	34.50	41.00	53.50	65.50
35x100	23.00	27.00	34.00	39.50	41.50	51.00	63.00	39.50	46.00	61.00	75.00
30x100	26.00	30.00	38.50	44.50	47.50	58.50	72.00	44.50	53.00	69.50	86.00
41x75	22.00	25.00	30.50	36.00	38.00	46.00	57.00	36.50	42.00	55.00	67.00
35x75	24.00	28.00	34.50	40.50	43.00	52.50	65.00	40.50	48.00	62.50	76.00
30x75	27.00	31.00	39.00	46.00	48.50	59.50	74.00	46.00	54.00	71.00	87.00
41x50	24.50	27.50	33.00	38.50	41.00	48.50	60.00	38.50	45.00	57.00	70.00
35x50	27.00	30.50	37.00	43.00	45.50	55.00	67.00	43.00	50.50	65.00	79.00
30x50	29.50	33.50	41.50	48.50	51.00	62.00	76.00	48.50	56.50	73.00	90.00

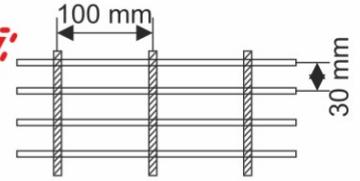
Ready Stock in 1000 x 1000, 1000 x 6000mm

The above weight are considering cross bar size of square twisted 6mm for 3mm thick Bearing Bar & 8mm for 5/6 mm thick Bearing Bar. Standard Thickness of 5/6mm Considered for Frame Bar. Weight shown are approximate with in tolerance of +5% (kg).



GRATING with load Bearing bars @ 30mm centres & Cross bars @ 100

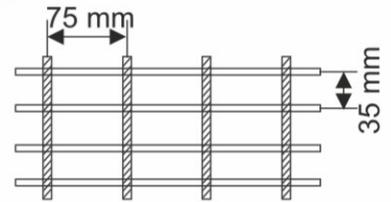
We Provide grating in both Manual Welded and electro forge-welded in mild steel.
 This Type grating has high load carrying capacity and is available in the following options:



Bearing Bar Size in mm	Units	SPAN / LENGTH												
		300	450	600	750	900	1000	1200	1350	1500	1650	1800	1950	2000
25x3	kg/m2	17505	7780	4377	2575	1490	1086	628	136	322	242	187	147	136
	D(mm)	0.65	1.47	2.61	3.75	4.5	5	6	6.75	7.5	8.25	9	9.75	10
25x5	kg/m2	29175	12967	7294	4291	1463	1810	1047	736	536	403	310	244	226
	D(mm)	0.65	1.47	2.61	3.75	4.5	5	6	6.75	7.5	8.25	9	9.75	10
25x6	kg/m2	42012	18672	10503	6722	4291	3128	1810	1272	927	696	536	422	900
	D(mm)	0.54	1.22	2.18	3.4	4.5	5	6	6.75	7.5	8.25	9	9.75	10
30x5	kg/m2	42012	18672	10503	6722	4291	3128	1810	1272	927	696	536	422	900
	D(mm)	0.54	1.22	2.18	3.4	4.5	5	6	6.75	7.5	8.25	9	9.75	10
32x5	kg/m2	46396	20190	11676	7648	4813	3773	2177	1529	1117	837	648	507	470
	D(mm)	0.5	1.1	2.01	3.21	4.2	5	6	6.75	7.5	8.25	9	9.75	10
40x5	kg/m2	74687	33194	18672	11950	8344	6722	4291	3014	2197	1651	1272	1000	927
	D(mm)	0.41	0.92	1.63	2.55	3.67	4.53	6	6.75	7.5	8.25	9	9.75	10

GRATING with load Bearing bars @ 35mm centres & Cross bars @ 75

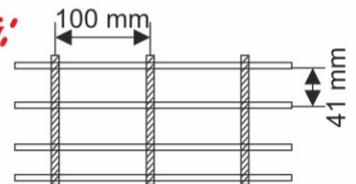
Bearing Bar Size in mm	Units	SPAN / LENGTH							
		500	650	800	900	1000	1100	1250	1400
25x6	UDL kg/m2	1998	1998	1998	1998	1794	1346	887	560
	linear load kg/m2	1488	1488	1488	1325	1091	897	642	448



Note : The net safe working load given on above table are base on limiting vertical deflection of SPAN/200 or 6mm, whichever is less

GRATING with load Bearing bars @ 41mm centres & Cross bars @ 100

We provide grating in both Manual Welded and electro forge welded in mild steel. This Type grating has high load carrying and is available in the following options:



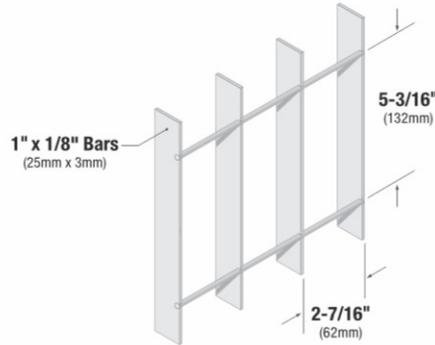
Bearing Bar Size in mm	Units	SPAN / LENGTH												
		300	450	600	750	900	1000	1200	1350	1500	1650	1800	1950	2000
25x3	kg/m2	12945	5753	3237	1904	1102	804	465	326	238	178	138	108	100
	D(mm)	0.65	1.47	2.61	3.75	4.5	5	6	6.75	7.5	8.25	9	9.75	10
25x5	kg/m2	21576	9589	5394	3173	1836	1339	720	545	397	298	229	180	167
	D(mm)	0.65	1.47	2.61	3.75	4.5	5	6	6.75	7.5	8.25	9	9.75	10
25x6	kg/m2	31068	13808	7767	4971	3173	2314	1339	940	685	515	397	312	290
	D(mm)	0.54	1.22	2.18	3.4	4.5	5	6	6.75	7.5	8.25	9	9.75	10
30x5	kg/m2	31068	13808	7767	4971	3173	2314	1339	940	685	515	397	312	290
	D(mm)	0.54	1.22	2.18	3.4	4.5	5	6	6.75	7.5	8.25	9	9.75	10
32x5	kg/m2	36199	14888	8565	5608	3538	2768	1601	1124	820	616	474	373	346
	D(mm)	0.5	1.1	2.01	3.21	4.2	5	6	6.75	7.5	8.25	9	9.75	10
40x5	kg/m2	55233	24548	13808	8838	4971	4971	3173	2229	1624	1221	940	739	685
	D(mm)	0.41	0.92	1.63	2.55	3.67	4.53	6	6.75	7.5	8.25	9	9.75	10

Safe Uniformly distributed loads (U.D.L.) in kg per square metre on simply supported panels with deflection (D) in mm. Based on a maximum Load table is made considering permissible stress of 165 Kg/mm² which allows for a safety factor of 1.6.

RSIPL 10

The most widely used rectangular design, Opus10 features timeless lines combined with unmatched versatility. Opus10 is a cost-effective solution to fencing requirements providing a unique blend of security and aesthetics.

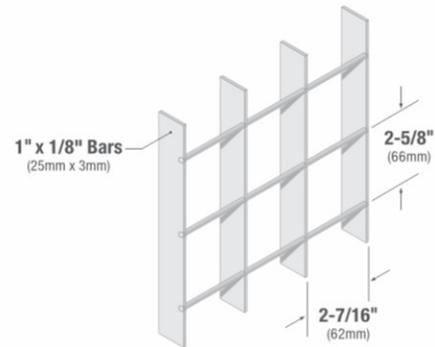
Weight Per Square Foot	
3mm Main Bar	2.2#/sp. ft.
2mm Main Bar	1.6#/sp. ft.



RSIPL 20

The most popular square mesh pattern, Opus20 subtly suggests strength, rigidity, and security. This ideal solution for industrial and commercial applications provides a superior strength-to-weight ratio over other economical fencing products.

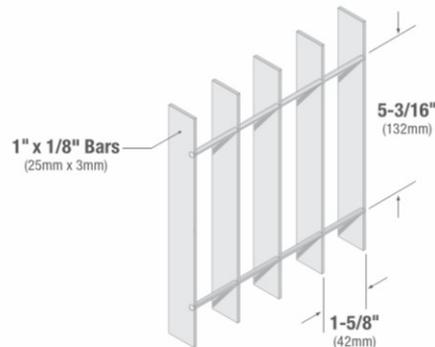
Weight Per Square Foot	
3mm Main Bar	2.5#/sp. ft.
2mm Main Bar	1.8#/sp. ft.



RSIPL 30

The more closely spaced main elements of this classic design make Opus30 the perfect choice where increased visual blocking is preferred. The added strength and rigidity of the panel allows for more sturdy fences and enclosures.

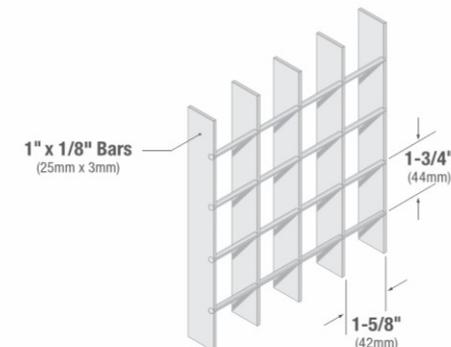
Weight Per Square Foot	
3mm Main Bar	3.1#/sp. ft.
2mm Main Bar	2.2#/sp. ft.



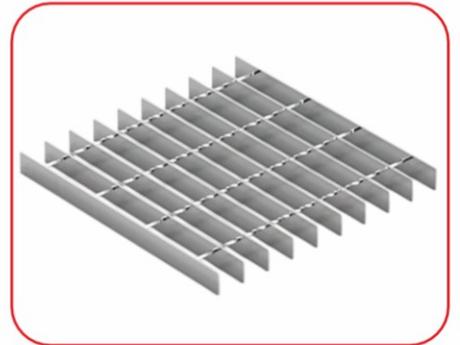
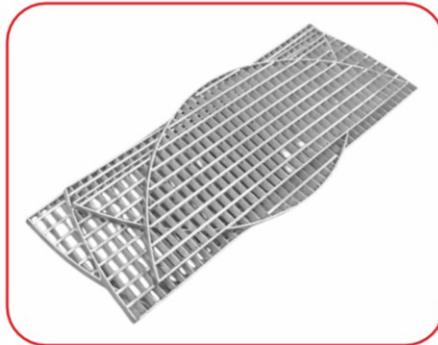
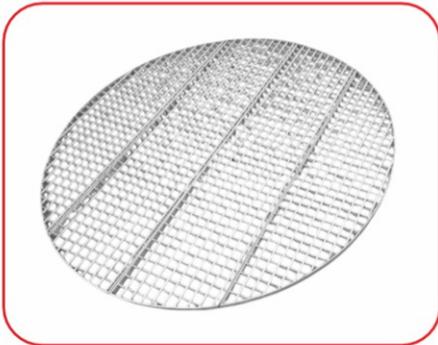
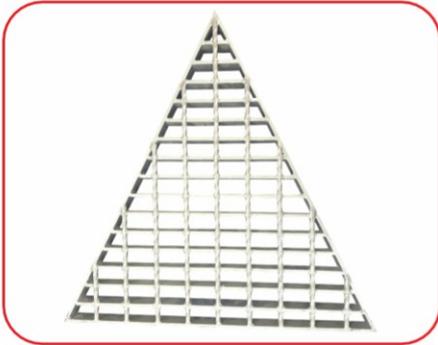
RSIPL 40

The extremely rigid characteristics of the popular Opus40 design provide a closely spaced nominal square pattern with increased strength and security. Opus40 is ideally suited for shorter fences and infill panel requirements.

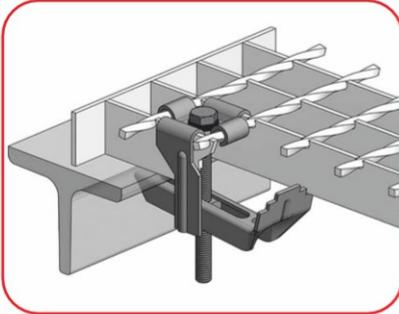
Weight Per Square Foot	
3mm Main Bar	3.3#/sp. ft.
2mm Main Bar	2.4#/sp. ft.



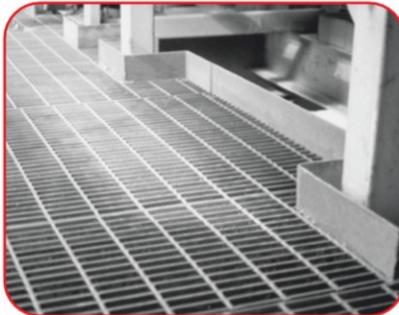
SPECIAL & CUSTOM GRATINGS



GRATING ACCESSORIES



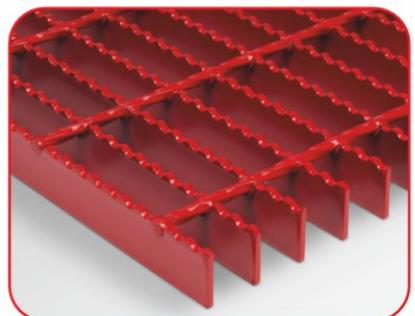
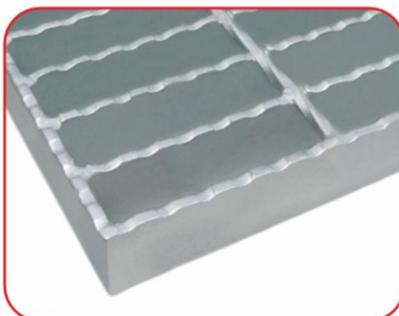
CLAMP



TOE PLATE / KICK PLATE



ANGLE BRACKET



END PLATE / BENDING PLATE

GRATING APPLICATIONS

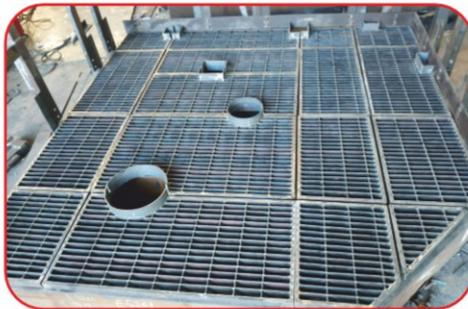
Water & Drainage Systems



Marine & Coastal Areas



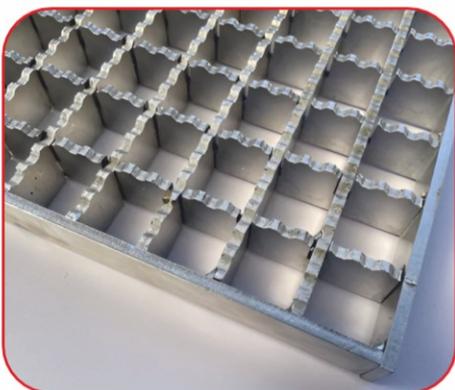
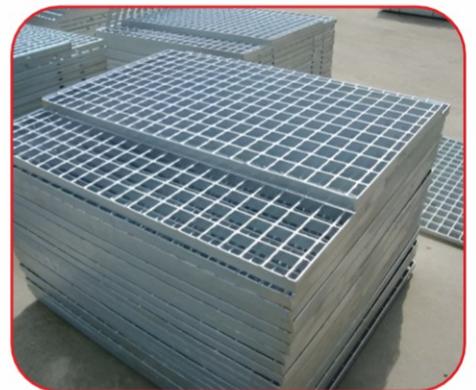
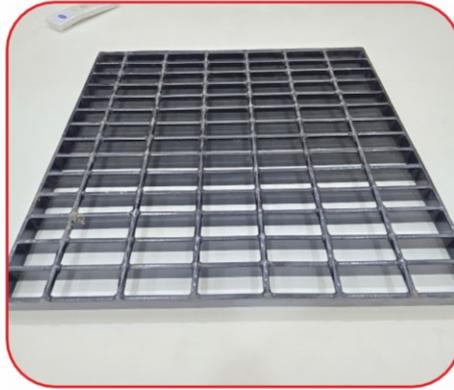
Safety & Heavy-Duty Areas



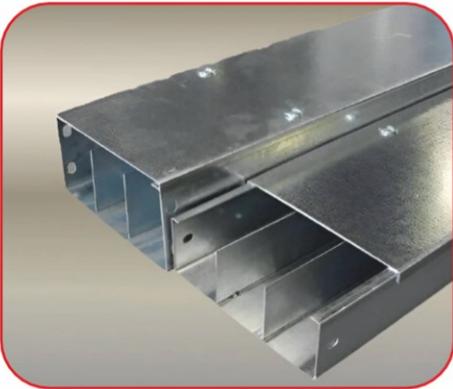
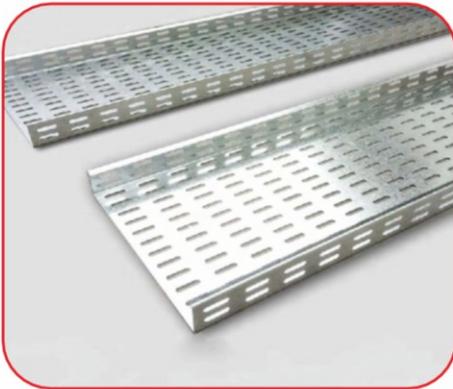
Architectural & Aesthetic



PRODUCT PHOTOS



PRODUCT PHOTOS



INDUSTRIES APPLICATION

- 01 PHARMACEUTICALS
 - 02 & CERAMIC PLANT
 - 03 IRON & STEEL PLANT
 - 04 PETRO CHEMICAL PLANT
 - 05 ACID & CHEMICAL INDUSTRIES
 - 06 CIVIL CONSTRUCTION
 - 07 DAIRY INDUSTRIES
 - 08 AUTOMOBILE INDUSTRIES
 - 09 HEAVY MACHINERIES
 - 10 TEXTILE INDUSTRIES
 - 11 POWER SECTORS
 - 12 REFINERIES
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 - 15 SUGAR MILLS
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