

AUTOMOTIVE

FOOD & BEVERAGE

LOGISTICS & TRANSPORTATION

# ENGINEERED FOR **SAFETY** BUILT FOR **LONGEVITY** **TRUSTED** ACROSS INDUSTRIES

STAINLESS STEEL CHEQUERED SHEETS



CORROSION  
RESISTANT



HIGH YIELD  
STRENGTH



WEAR  
RESISTANT



LOW  
MAINTENANCE COST

BUILDING & CONSTRUCTION | PHARMACEUTICAL | MANUFACTURING  
AND MANY MORE INDUSTRIES



The background of the advertisement is a large industrial facility, likely a manufacturing plant or refinery. The ceiling is high and features a complex network of pipes, ducts, and structural beams. Large windows are visible, allowing natural light to enter the space. The floor is made of stainless steel chequered plates, which are the product being advertised. In the foreground, the texture of the chequered plates is clearly visible, showing a series of raised, oval-shaped patterns. In the background, various pieces of industrial equipment, including conveyor belts, storage tanks, and structural supports, are visible. The overall atmosphere is one of a modern, well-maintained industrial environment.

# **PRECISION-ENGINEERED SAFETY.** **POWERING INFRASTRUCTURE FORWARD.**

Imagine walking across a surface tough enough to handle heavy machinery, corrosion resistant enough to take on extreme humidity, and safe enough to provide an unshakable grip in extreme environments. Jindal Infinity stainless steel chequered plates don't just endure, they excel at ensuring safety, strength, and longevity.

From controlled environments like chemical plants to oil rig staircases, truck beds to gym floors, our chequered plates have unmatched strength and stability which the modern industries can rely on.



# CHEQUERED FOR EXCELLENCE

## THE UNMATCHED POWER OF STAINLESS STEEL PLATES

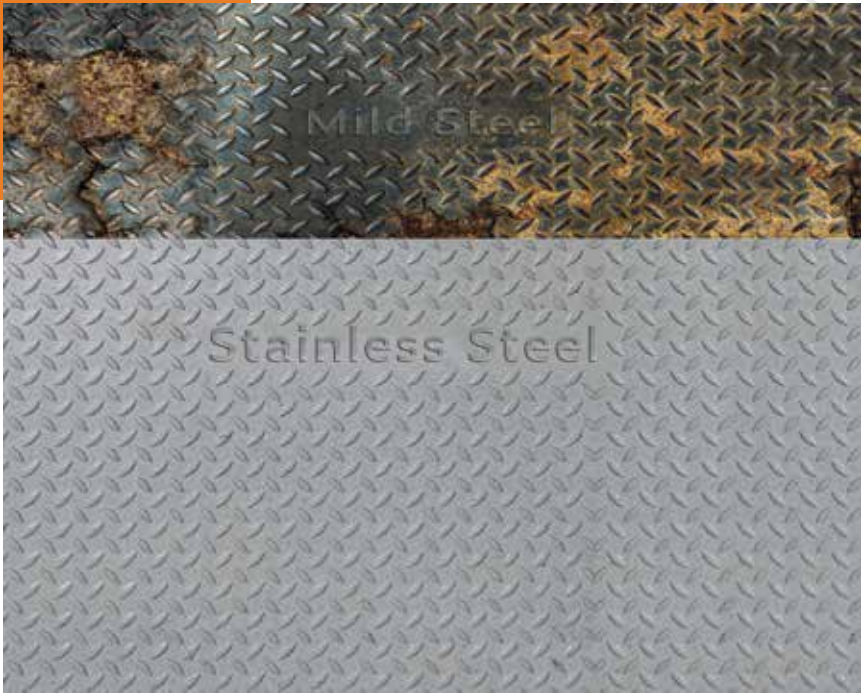
Industries demand materials that go beyond expectations. Unlike conventional alternatives like aluminum or mild steel, Jindal Stainless chequered plates are engineered to bear extreme loads while maintaining the structural integrity. What truly sets our plates apart is their exceptional resistance to corrosion, abrasion, and environmental stress, making them the ideal choice for applications for industrial flooring to structural reinforcements.

### MILD STEEL

HR Chequered

### SS 409M

HRAP Chequered



PARAMETERS	MS (IS2062)	SS (409M)	BENIFITS OFFERED
Corrosion Resistance	Low	High	Over 100 times longer life than MS, as per the CSIR study
Yield Strength	250 MPA	350 MPA	30% weight reduction due to lower thickness
Wear Rate	62	13	5 times higher wear resistance
Maintenance	High	Low	No painting required



# THE ALL-IN-ONE SOLUTION FOR EVERY SURFACE



## SUPERIOR GRIP & SAFETY

Raised patterns prevent slips in high-traffic zones.



## EXTREME DURABILITY

Heat, chemical, moisture, and corrosion resistance for tough environments like chemical plants, wastewater treatment facilities, and offshore oil platforms.



## HIGH STRENGTH & RELIABILITY

Withstands immense loads and pressure for long-term stability.



## STYLISH & VERSATILE

Enhances the aesthetics of interiors, furniture, elevators, ceilings, and tiles.



## LOW MAINTENANCE

Corrosion resistance ensures lasting performance and long-term savings.



# THE ROLE OF CHEQUERED PLATES IN INDUSTRIAL SOLUTIONS

## BUILDING & CONSTRUCTION

- Transform flooring, staircases, and walkways in bridges, airports, and high-rise buildings with solutions that balance structural integrity with aesthetics
- Ensure safety in high-traffic areas with anti-slip properties
- Long-lasting, wear-resistant alternatives to wooden structures



## AUTOMOTIVE

- Provide durable and superior vehicle flooring, especially in buses, trucks, and trailers
- Withstand heavy loads and constant usage with materials engineered for long-term durability
- Enhance aesthetic appeal while maintaining robustness in high-end applications



## MANUFACTURING

- Prevent workplace accidents and contamination in chemical plants and factories, ensuring workplace safety
- High resistance to chemical corrosion makes them ideal for handling hazardous fluids and extreme temperatures
- Used in reactors, heat exchangers, and distillation units due to their durability under extreme temperatures



## LOGISTICS & TRANSPORT

- Strengthen cargo floors, truck beds, and shipping containers with load-bearing capacity and slip resistance
- The anti-slip surface prevents goods from shifting during transport
- Corrosion-resistant solutions for humid environment



## FOOD & BEVERAGE

- Prevent contamination through non-reactive properties that maintain product purity
- Easy-to-clean, sterile environments for food processing plants, breweries, and dairy facilities



## PHARMACEUTICAL

- Used in sterile and controlled environments while resisting corrosion from pharmaceutical chemicals
- Resist damage from pharmaceutical chemicals
- Prevents bacterial growth for drug production and hospital equipment





## **FORGED FOR **STRENGTH.** CRAFTED FOR **SAFETY.** GEARED FOR **BUSINESS.****

Jindal Infinity's chequered plates don't just meet industry standards, they set them. We offer solutions that traditional materials cannot simply match, serving limitless opportunities to manufacturers, suppliers, and businesses worldwide with distinction. Whether you need bulk supply for big projects or custom solutions for special applications, we bring the quality and expertise to transform your vision into reality.

Connect with us today, and together, let's build something that stands the test of time.

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