

PEARL STEEL INDUSTRIES

The trusted landmark for Duplex Steel



www.pearlsteel.net

"India's premier stockiest of Duplex steel, Sheets, Plates, and Coils from Indian and European brands."

PEARL STEEL INDUSTRIES

Unlocking Excellence in Steel for over 25 Years

OVERVIEW: Founded in the dynamic city of Mumbai, Pearl Steel Industries has been a stalwart in the steel industry for 25 years. Established in 1999, our unwavering commitment to quality and reliability has made us a trusted name globally. Led by Mr. Jitesh Bafna, our CEO & Managing Director, we have evolved into a leading supplier with an annual turnover of 75 crores.

GLOBAL PRESENCE: Pearl Steel Industries extends its reach worldwide, serving as a dependable supplier to industries across the globe. With branches in Mumbai, Pune, Dubai & USA, our global network ensures prompt and efficient service to our valued clients.

SPECIALIZATION: We take pride in being at the forefront of the industry, recently expanding our portfolio as a leading stockist of Duplex and Super Duplex steel Sheets, Plates, and Coils. Our in-depth understanding of the applications of duplex steel allows us to provide cost-effective solutions to our esteemed clients.

QUALITY ASSURANCE: At Pearl Steel Industries, quality is non-negotiable. We follow strict quality control measures, ensuring zero compromises on the products we deliver. Our commitment to excellence is reflected in our impeccable track record with zero complaints about quality.

COMPETITIVE ADVANTAGE: We not only offer top-notch quality but also provide highly competitive rates. With more than 500 tonnes of ready stock for various grades of Duplex Steel and Super Duplex Steel in form of Sheets, Plates, Pipes, Tubes, etc., we ensure that our clients have access to the materials they need when they need them.

OUR VALUES:

Integrity: Upholding the highest standards of ethics in all our dealings.

Customer Focus: Prioritizing client satisfaction by understanding their unique needs.

Innovation: Embracing cutting-edge solutions to stay at the forefront of the industry.





DUPLEX STEEL: Ultimate Corrosion Resistance

Duplex steel, an alloy blending Ferritic and Austenitic steel, offers robustness and corrosion resistance. Invented in the mid-20th century, it addresses limitations of traditional stainless steels, providing superior strength and longevity.

Notable for its cost-cutting potential and reduced maintenance, duplex steel is favoured in various projects like bridges, chemical plants, turbines, and vessels. Its corrosion resistance prolongs the operational life of heat exchangers.

Available in various grades like S32205 (2205), S32750 (2507), and S32760 (Zeron-100), F51, F60, F53, F55, 1.4462, 1.4410, 1.4501. Duplex steel is essential in critical applications due to its superior quality and corrosion resistance. It's categorized into lean duplex, duplex, and super duplex, tailored to specific needs across industries.

In water treatment, thermal plants, chemical fertilizer production, oil and gas industries, and infrastructure, Duplex steel's resilience shines. It ensures longevity in desalination plants and robustness in harsh conditions elsewhere.

In conclusion, duplex steel offers reliability and durability across diverse industries. With varied grades catering to specific needs, it's the material of choice where longevity, quality, and corrosion resistance matter.



Offshore oil and gas production platforms require materials capable of withstanding corrosive environments, high pressure, and temperature variations. Duplex stainless steel, renowned for its exceptional corrosion resistance and high strength, is frequently selected for such applications. A notable instance is the Johan Sverdrup oil field situated in the North Sea, offshore Norway.



DUPLEX STEEL APPLICATIONS



Oil & Gas Industry



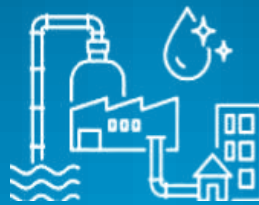
Energy Industry



Pulp & Paper Industry



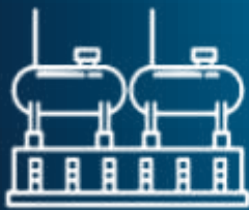
Water Treatment



Desalination Plants



Automotive Industry



Chemical Processing



Marine & Shipbuilding



Construction & architecture



Food & Beverage Industry



Storage Tanks



Heat Exchanger



OUR DUPLEX STEEL RANGE



SHEETS



PLATES



COILS



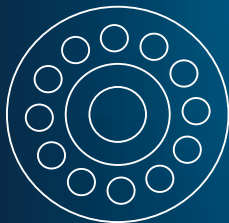
PIPES



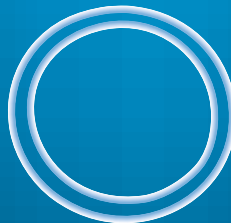
TUBES



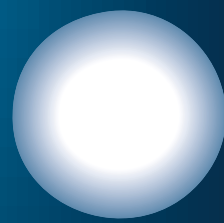
BARS



FLANGES



RINGS



CIRCLE



FORGED FITTINGS



FASTENERS



BUT WELD FITTINGS





GRADES WE SERVE

We at Pearl Steel Industries, we specialize in providing a diverse range of grades tailored to meet the unique needs of various industries. Explore the following grades in our catalogue:

- ✓ **Lean Duplex:** UNS S32101, EN 1.4162
- ✓ **Duplex Steel:** UNS S31803, UNS S32205 (2205), EN 1.4462, F51, F60
- ✓ **Super Duplex Steel:** UNS S32750 (2507), UNS S32760, EN 1.4410, EN 1.4501, F53, F55.
- ✓ **Nickel Alloys:** Nickel 200 (UNS N02200), Nickel 201 (UNS N02201).
- ✓ **Hastelloy:** Hastelloy C276 (UNS N10276), Hastelloy C22 (UNS N06022), Hastelloy B2 (UNS N10665), Hastelloy X (UNS N06002).
- ✓ **Inconel:** Inconel 600 (UNS N06600), Inconel 625 (UNS N06625), Inconel 718 (UNS N07718), Inconel 800 (UNS N08800), Inconel 825 (UNS N08825).
- ✓ **Monel:** Monel 400 (UNS N04400), Monel K500 (UNS N05500)
- ✓ **SMO (Stainless Steel Molybdenum):** SMO 254 (UNS S31254)
- ✓ **904L Stainless Steel:** 904L (UNS N08904)
- ✓ **Titanium:** Grade 1 (UNS R50250), Grade 2 (UNS R50400), Grade 5 (UNS R56400), Grade 7 (UNS R52400), etc.
- ✓ **Carbon Steel:** ASTM A105, ASTM A106, ASTM A234, ASTM A350, etc.
- ✓ **Alloy Steel:** ASTM A182 F5, ASTM A182 F9, ASTM A182 F11, ASTM A182 F22, ASTM A182 F91, etc.
- ✓ **Stainless Steel:** 304 (UNS S30400), 316 (UNS S31600), 321 (UNS S32100), 347 (UNS S34700), 310 (UNS S31000), etc.



USA

📍 38 LYNNWOOD ROAD,
EDISON, NJ-08820,
NEW JERSEY, U.S.A

PUNE

📍 NYATI EMPRESS B- 603. 6TH FLOOR,
NEXT TO BALERS GAUGES INDIA,
ABOVE RELIANCE SMART BUY,
VIMAN NAGAR- PUNE 411014

DUBAI

📍 ANS GLOBAL LIMITED
22C, ALMAS TOWER,
JUMEIRAH LAKES TOWER
P.O. BOX : 336337
DUBAI, UAE

MUMBAI

📍 SHOP NO. 6, BLOCK- `A`
ALLARAKHIA BLDG., 9TH
KHETWADI LANE,
MUMBAI-400 004. INDIA

HEAD OFFICE MUMBAI

📍 SHOP NO. 6, BLOCK- `A` ALLARAKHIA BLDG., 9TH
KHETWADI LANE, MUMBAI-400 004. INDIA

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