



INDUS

555-D CRS TMT



STEEL YOU CAN TRUST, TO PROTECT FROM RUST.

WELCOME TO
THE FUTURE OF
BUILDING MATERIALS:

INDUS 555D CRS TMT

**CORROSION
RESISTANT STEEL**

Corrosion is one of the hidden adversaries of infrastructure, silently eroding the strength and safety of structures. Traditional steel can succumb to rust and decay when exposed to moisture and contaminants. Enter **Indus 555-D CRS TMT (Fe 550D Grade-CRS TMT)**, the latest innovation in construction materials designed to meet the demands of modern engineering. With an exceptional combination of high ductility and corrosion-resistant properties, Indus 555D CRS TMT is engineered for performance, longevity, and safety, ensuring your structures withstand the test of time.



WHY CHOOSE INDUS 555D CRS TMT

AS YOUR ULTIMATE BUILDING
SOLUTION?



Versatility in Applications

Suitable for a wide range of uses, including residential buildings, commercial complexes, skyscrapers, bridges, tunnels, marine structures such as ports, and industrial facilities. Indus 555D CRS TMT's versatility makes it the go-to choice for various architectural designs.



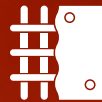
High Ductility

Exceptional flexibility with a higher UTS/PS Ratio ensures that Indus 555D CRS TMT can absorb and withstand extreme forces without brittle failure. This is crucial for structures in seismic zones, enhancing stability and safety.



Corrosion Resistance and Environmental Resilience

Engineered to resist environmental degradation, Indus 555D CRS TMT demonstrates superior performance against harsh corrosive agents, including salts, acids, and pollutants. This extends the lifespan of your structures and minimises maintenance costs. Additionally, it withstands high winds, and temperature fluctuations, providing peace of mind and structural reliability.



Enhanced Structural Integrity

The combination of high ductility and corrosion resistance reduces risks associated with rust and fatigue over time. Indus 555D CRS TMT ensures long-term performance, even in challenging environmental conditions.



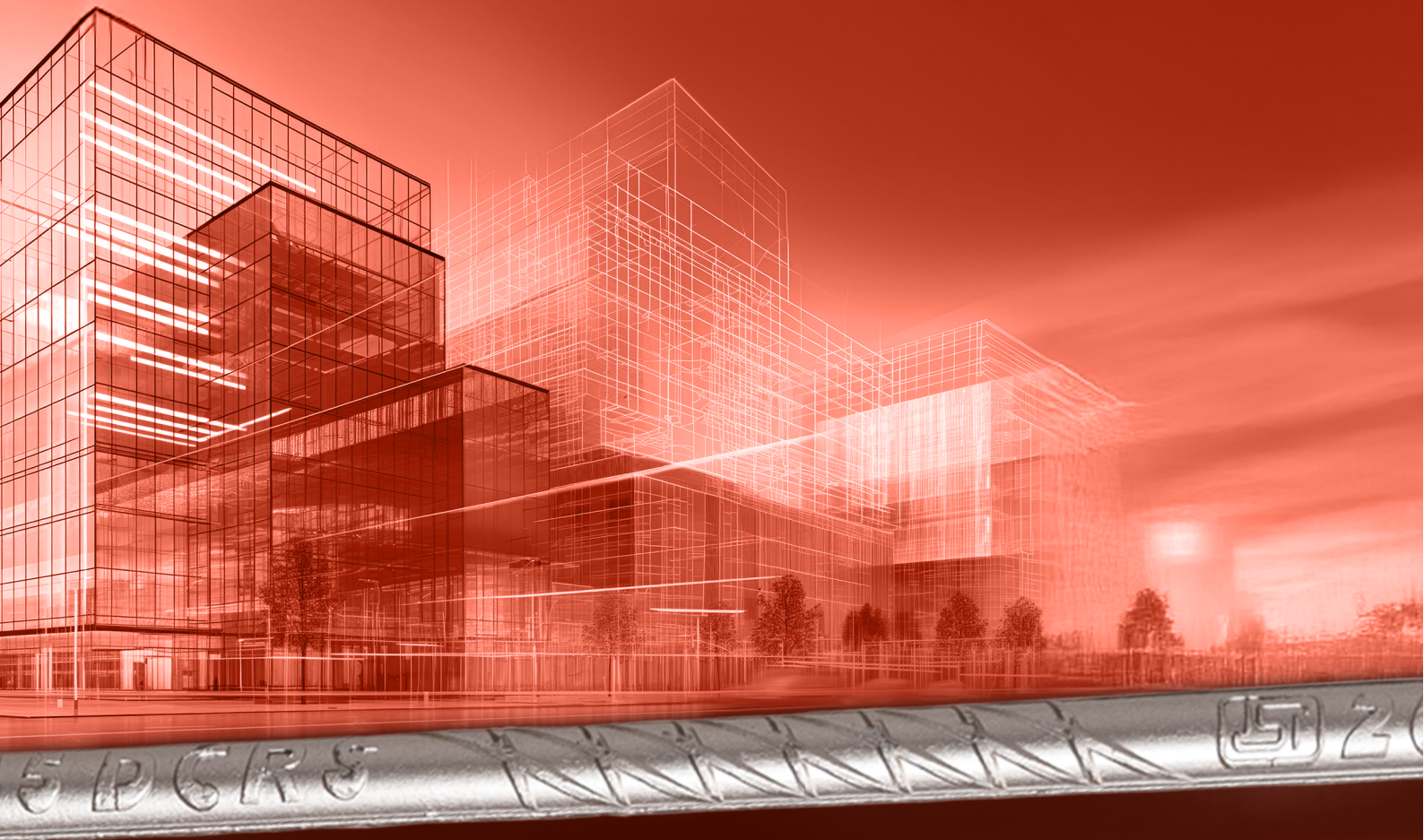
Enhanced Durability

Designed to endure harsh environments, including coastal areas, industrial zones, and regions with high humidity.



Cost-Effective

Reduces long-term maintenance costs by minimising the need for frequent repairs and replacements over the lifespan of your construction.





INDUS 555D CRS TMT



Improved Safety

Reduces the risk of structural failures ensuring buildings remain safe and compliant with safety standards. Structures built with Indus 555D CRS TMT are less prone to cracking and breaking under stress, ensuring longevity and safety for occupants.



Sustainability

Made with high-quality materials, Indus 555D CRS TMT promotes sustainable building practices. Its durability means fewer resources are consumed over time.



Supreme bonding

The unique smartly tilted X RIBS of Indus 555D CRS TMT gives the building supreme bonding with the concrete structure making the building extra strong and resilient

INVEST IN YOUR FUTURE TODAY

Choosing Indus 555D Corrosion Resistant Steel is not just an investment in building materials; it's an investment in the future of your home or infrastructure. With Indus, you can build with confidence, knowing your structures are protected against the ravages of nature.

With Indus 555D CRS TMT, you're not just buying steel; you're investing in a high-performance solution that enhances the safety, durability, and longevity of your projects.

What Chemical Properties qualify as Corrosion Resistant Steel?

The chemical composition of Indus 555D CRS TMT contains the ideal and correct values of various chemicals in the correct proportion making it resistant to corrosion.

The below five major chemicals along with Carbon, Sulphur and Manganese are great warriors that fight against corrosion and rust to protect the building and give it longevity!

Element	Min.	Max.
Nickel	0.050	0.100
Copper	0.150	0.200
Chromium	0.150	0.200
Molybdenum	0.050	0.100
Phosphorous	0.025	0.040

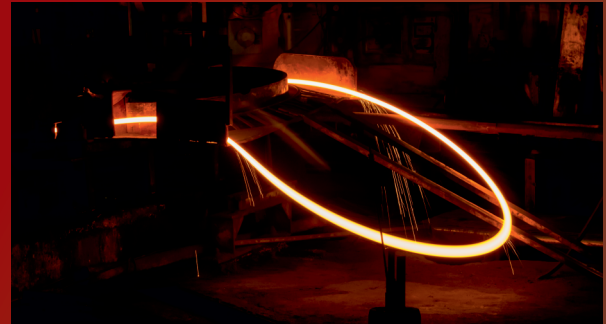
OUR COMPANY: A MAJOR PLAYER IN THE CATEGORY

Indus began its journey in 1996 with a vision to transform dreams into reality through quality steel supply. Over the last decade, we have emerged as the market leader, thanks to our innovations, commitment and consistent service.

Our state-of-the-art manufacturing unit near Attibele is equipped with automated machinery, advanced computer-controlled devices and sophisticated mechanical equipment. This ensures consistent quality in TMT bars that adhere to BIS standards, with an installed capacity to produce 2 Lakh metric tonnes of steel annually.

The highest quality steel is achieved by maintaining the perfect composition of chemicals in raw materials. Indus stands out in the market due to the precise sectional weight, dimensions and finishing of its TMT bars.

Over the past 22 years, Indus has manufactured more than 1 million metric tonnes of construction steel, built approximately 300 million square feet of infrastructure and created a community of happy consumers. This track record demonstrates our commitment to delivering the best quality product with prompt service.



WELCOME TO THE FUTURE OF TMT BARS

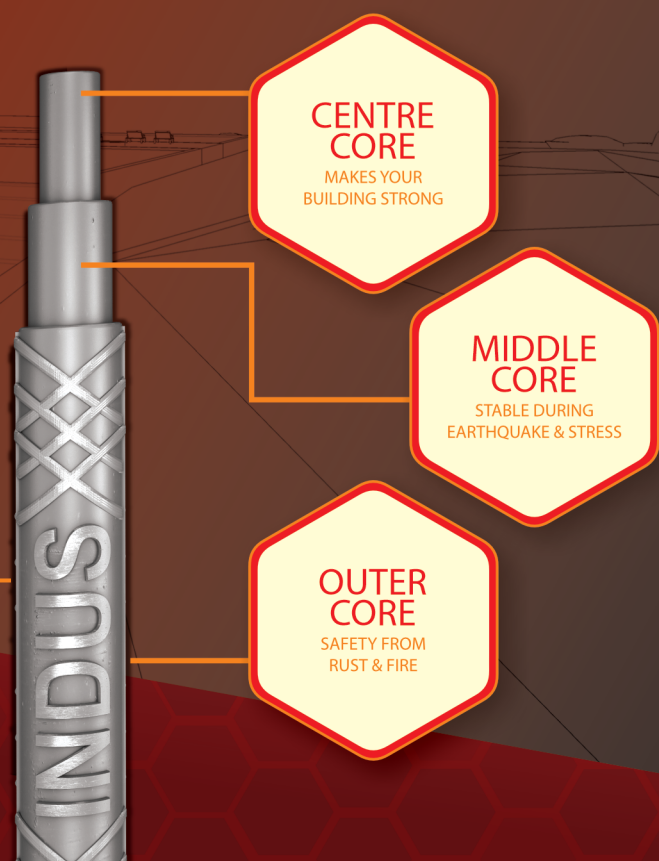
As we look to the future, we strive to manufacture steel that is strong, durable and offers value for money.

We are proud to offer Indus 555D CRS TMT, which combines enhanced mechanical and chemical properties to deliver high-strength steel with superior ductility. This makes it ideal for earthquake-resistant structures and high-rise buildings. Achieved through controlled and advanced manufacturing processes, ductility ensures the material's ability to withstand stress before fracturing.

Our latest Thermo-Mechanical Treatment (TMT) process, involving rapid quenching, self-tempering, and atmospheric cooling, results in steel with an extended lifespan and increased strength. Indus 555D CRS TMT's Tricore technology offers the protection of three layers:

- Outer Core: Guards against air, water, and fire.
- Middle Core: Resists seismic activity. (Earthquake resistant)
- Centre Core: Enhances tensile strength and longevity.

INDUS TRICORE: QUALITY TO THE CORE





CUSTOMER TESTIMONIALS

"We didn't know much about TMT bars and were confused. Our engineer Naren recommended contacting Indus Technical Cell. After one call, they sent their mobile lab to our home for a live demonstration of Indus' quality. This made our decision easy, and now we trust Indus 555D TMT."

- Mr & Mrs Devarajan, Customer



INDUS 555D CRS TMT

India's first fully equipped TMT testing mobile lab



OUR GREATEST AWARD

To us, customer appreciation is far greater than any accolades we've received so far.

-S. S. Srikanth, Director

CORPORATE SOCIAL RESPONSIBILITY (CSR)



We are responsible citizens who respect nature. Our solar power plants and wind mills generate green energy to reduce our carbon footprint. Additionally:

- Rainwater is harvested and stored in a 1-crore litre reservoir.
- Borewells are recharged with harvested rainwater.
- Over 35,000 trees have been planted on factory premises, with a target of 100,000 trees.
- Scholarships are provided for underprivileged school and college students.
- Community development projects include roads, water tanks, schools, hospitals, construction of bridge between villages and police barricades for traffic control.



WHY CHOOSE INDUS?

Because there are 15 reasons



Tricore Formation - Protects from air, water, fire and earthquake with more tensile strength



ISO 9001:2015 - Quality assurance as per guidelines under international organisations



Pure Steel - Lesser impurities of Sulphur & Phosphorus for more ductility



Flexibility - Greater flexibility to bar-benders for all types of constructions



Fe 550-D CRS Grade TMT - Better strength steel



Smartly tilted X-Rib Design - Visually appealing 3X Ribs provide easy bendability and extraordinary bonding with concrete to increase building strength



Consistent Quality - Raw materials manufactured from our billet factory



Optimum Weight / Meter - A cost saving of around Rs. 1,110 per ton due to more bars per ton



Higher UTS / YS Ratio (1.16) - Better Earthquake Resistance



Exact 12 Meters Length - Avoids wastage as there is no random length



Online Test Certification - Quality Authentication for mechanical and chemical properties



Indus Selling Price - Transparency in maintaining uniform selling price.



Quality & Service - Better Reliability for the past 22 years of consistent quality supply & service



Strong Dealer Network - Easy Availability through a widespread dealer network



First company to introduce a fully equipped mobile testing lab for onsite TMT testing

MECHANICAL PROPERTIES

GRADE	ISI Fe 500	ISI Fe 550	ISI Fe 550 D	INDUS Fe 550 D CRS	BENEFITS
YIELD STRENGTH (min) (0.2% Proof Stress)	500 N/mm ²	550 N/mm ²	550 N/mm ²	570 N/mm ²	Additional strength
TENSILE STRENGTH (min)	545 N/mm ²	585 N/mm ² (or 6% more than yield strength, whichever is higher)	600 N/mm ²	670 N/mm ²	Gives extra safety to the building
ELONGATION (min)	12%	10%	14.5%	18%	Higher ductility property to suit all constructions
BEND TEST (No Transverse crack at 180 bend)	(upto 20mm) 4D/5D (above 20mm)	(upto 20mm) 5D/6D (above 20mm)	(upto 20mm) 4D/5D (above 10mm)	(upto 20mm) 3D/4D (above 20mm)	Results in easy bendability
REBEND TEST	(upto 10mm) 5D/7D (above 10mm)	(upto 10mm) 7D/9D (above 10mm)	(upto 10mm) 6D/7D (above 10mm)	(upto 10mm) 5D/6D (above 10mm)	Results in easy bendability
UTS/YS	1.08	1.06	1.08	1.16	Better earthquake resistance

CHEMICAL PROPERTIES

Carbon	0.30% max.	0.30% max.	0.25% max.	0.21% max.	Low temper with weldability
Phosphorus	0.055% max.	0.055% max.	0.040% max.	0.040% max.	Better ductility
Sulphur	0.055% max.	0.055% max.	0.040% max.	0.040% max.	Better ductility
Manganese	0.45% max. (as per market)	0.45% min. (as per market)	0.45% min. (as per market)	0.70% min.	Better flexibility with strength



INDUS

First among all brands, best among all brands

- The 1st Company to Brand in a commodity market
- The 1st Brand to Promote Dealers
- The 1st to Introduce Point of Sales communication
- The 1st to Introduce Shoppe concept
- The 1st Company to introduce Fe 550 GRADE TMT in South India
- The 1st to Introduce Quality tags for every bundle
- The 1st to Introduce X Ribs & 3X Ribs
- The 1st to Introduce a brand name at every meter
- The 1st to Introduce a fully equipped Mobile Lab for onsite TMT Testing
- The 1st to reach out to End Consumers
- The 1st to uplift Barbenders

AWARDS & ACHIEVEMENTS

Indus has received several national awards for product quality and service excellence. As pioneers in the industry, we have consistently set benchmarks in innovation and customer satisfaction.

Are you ready to elevate your construction projects with the dual benefits of high ductility and corrosion resistance?

Join the revolution! Contact us today for more information, a quote, or a consultation. Visit our website at www.industmt.com or call us at 9242 777 777. Let's create a durable and resilient future together!

Indus 555D CRSTMT – Your partner in quality construction!



2015:
India's Most
Trusted Brand
of The Year Award



2016:
India's Most
Trusted Brand Award



2017:
India's
No.1 Brand Award



2017:
India's Best Company of
The Year Award



2019:
India's Most
Trusted Brand
of The Year Award

INDUS

555-D CRS TMT

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