

**“Indus inside,
Peace of mind
outside.”**



INDUS
555-D TMT

OUR COMPANY IS A MAJOR PLAYER IN THE CATEGORY

Indus began its journey in 1996 with a vision to convert the blueprint of dreams into a structure with their quality steel supply & eventually, emerged as the Market Leader in the last decade through their innovations, commitment and consistent service.

The state-of-the-art manufacturing unit of Indus at Hosur is well-equipped with automated machineries, latest computer-controlled devices and advanced mechanical equipments for maintaining consistent quality in the TMT bars. By doing so, we are in coherence with the BIS standards through an installed capacity of producing 2 lakh metric tons of steel per annum. The highest quality of steel is achieved by maintaining the right composition of chemicals in the raw material. Indus has an edge in the market due to its perfect sectional weight, dimension and finishing of the TMT bars.

Over the past 22 years, Indus has manufactured more than 8,00,000 metric tons of construction steel that has built around 40 crore square feet of infrastructure creating an overwhelmingly happy consumers' community. They stand testimony to our impeccable product quality, delivery and prompt services.

Indus is an eco-friendly company and the same is proved by our Solar Power Plant set up by generating green energy which reduces carbon foot prints. We also harvest one crore litres of Rainwater in a big reservoir.

WELCOME TO THE FUTURE OF TMT BARS

As we look to the future, we strive to manufacture steel which is strong and still brings value for money. We take pride in offering Indus Fe 550-D TMT that entails enhanced mechanical and chemical properties making it a stronger TMT bar along with ductility. It is most suitable for earthquake-resistant structures and especially high-rise buildings. This high-grade proficiency and ductility is achieved by maintaining the purity of the steel through following the chemical parameters and ensuring strict control in our advanced manufacturing process.

Ductility is a degree of plastic deformation before fracture or simply about how much strain a material can hold before fracture.

Moreover, we achieve the latest Thermo Mechanical Treatment in our TMT box by Rapid Quenching, Self-tempering and Atmospheric Cooling which gives more life to the steel along with higher strength. Indus 555 D TMT has a perfect Tricore which gives the combination of 3 layers - Outer core which protects it from air, water and fire, Middle core protecting us from earthquakes, and the Centre core offering more tensile strength and thus, enhancing the life of the steel.

INDUS TRICORE: QUALITY TO THE CORE



CENTRE CORE
MAKES YOUR BUILDING STRONG

MIDDLE CORE
STABLE DURING EARTHQUAKES & STRESS

OUTER CORE
SAFETY FROM RUST & FIRE

WHY INDUS 555-D TMT?



ISO 9001:2015 - Quality assurance as per guidelines for standardization under the International Organisation.



Pure Steel - Lesser impurities of Sulphur & Phosphorus making it a pure steel with more ductility.



Flexibility - Greater flexibility for barbenders to bend TMT bars suiting to all types of constructions.



Fe 550-D Grade TMT - Better Strength Steel.



3X Rib Design - Extraordinary bonding with concrete due to appealing 3X rib which increases building strength.



Consistent Quality - Raw material manufactured from our own Billet Factory.



Optimum Weight/Meter - Cost saving of around Rs. 1100 per ton.



Higher UTS/YS Ratio - Better Earthquake Resistance.



Exact 12 meters Length - Avoids Wastage as there is no random unmeasured length thereby, avoiding overlapping. Customized lengths for bulk orders are also supplied to support consumers in speedy construction.



Online Testing Certification - Quality Authentication for mechanical and chemical properties.



Indus Selling Price - Transparency in display to maintain a uniform Selling Price through our monthly rate card.



Quality & Service - Better Reliability for the past 22 years of consistent quality supply & service. Independent testing of our TMT bars in our unique Onsite Mobile Testing Lab facility for ascertaining the quality standards has won the hearts of many dealers and consumers, equally.



Strong Dealer Network - Easy Availability through widespread dealer networks.

MECHANICAL PROPERTIES

GRADE	ISI Fe 500	ISI Fe 550	ISI Fe 550 D	INDUS Fe 550 D	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.	0.45% min. (as per market)	0.45% min.	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 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 the Brand Name at every meter
- The 1st to Introduce a Mobile Lab for On-site TMT Testing
- The 1st to reach out to End Consumers
- The 1st to uplift Barbenders

Awards & Achievements

Indus has been bestowed with several National Level Awards for its supreme product quality and services.



2015:
India's Most
Trusted Brand Award



2016:
India's Most
Trusted Brand Award



2017:
India's
No.1 Brand Award



2017:
Best Company of
The Year Award



2019:
Best Company of
The Year Award

INDUS 555-D TMT

Indus Inside, Peace of Mind Outside!

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