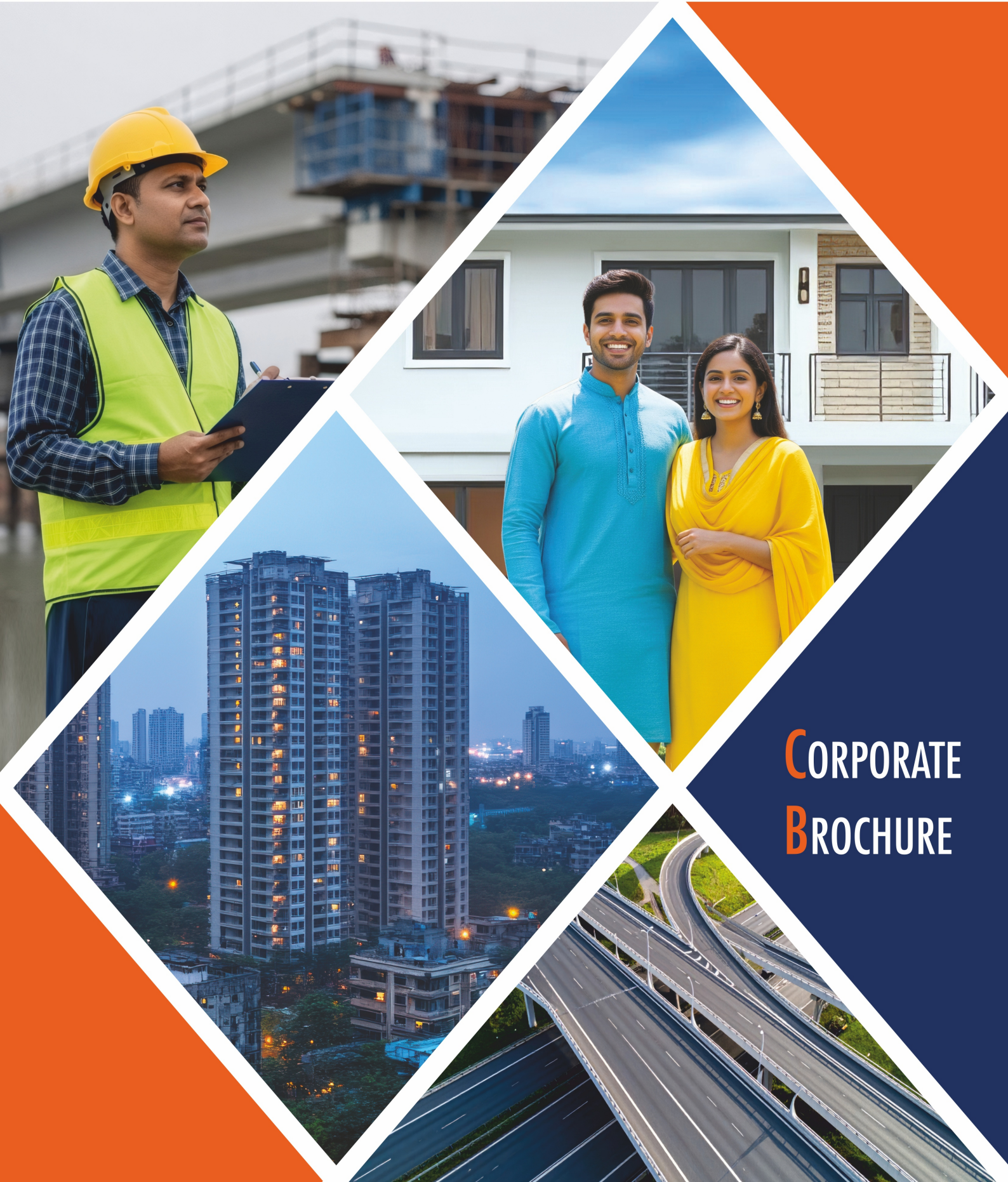




CORPORATE
BROCHURE



About Us

Building Strength - Delivering Trust

With a vision to support India's growing infrastructure, we are committed to delivering premium-quality TMT bars that redefine strength, safety, and reliability in modern construction. We believe that every structure — whether a dream home, commercial project, or large-scale infrastructure development - deserves a foundation built to last for generations.

Driven by innovation and guided by uncompromising quality standards, our TMT bars are manufactured using advanced technology and precision-controlled processes to ensure superior strength, flexibility, weldability, and corrosion resistance. Every product is engineered to perform under demanding conditions and provide enhanced structural stability and long-term durability.

Over the years, we have built a strong reputation through consistency, transparency, and customer trust. Our growing network across Eastern and North-East India enables us to efficiently serve builders, contractors, engineers, architects, dealers, distributors, and homeowners with dependable supply and reliable service.

At the heart of our company lies a commitment to excellence - not only in the products we manufacture but also in the relationships we build. We continuously strive to raise industry standards by combining technical expertise, customer-centric practices, and a passion for delivering value at every stage.

Our Mission

To manufacture high-quality TMT bars that ensure strength, safety, and durability for every construction project. We are committed to innovation, customer satisfaction, and sustainable manufacturing practices.

Our Vision

To become a trusted leader in the steel industry by delivering world-class TMT solutions that build stronger infrastructure and a better future. We aim to set new benchmarks in quality, reliability, and growth.

More than just steel, **JSPL 550 SD** TMT Bar is the strength behind ambitions and the foundation of stronger futures. Engineered with advanced technology for superior strength, durability, and resilience, **JSPL 550 SD** TMT Bar delivers the confidence needed to build safer, stronger, and longer-lasting structures. With dependable quality, high ductility, and trusted performance, it stands as a preferred choice for modern construction.

Strength in Every Bar



High Tensile
Strength



Enhanced
Bendability



Easy Welding
Capability



Earthquake
Resistance



Our TMT Bars are Designed to Offer

- High tensile strength for superior load-bearing capacity
- High Fire Resistance
- Excellent ductility for better earthquake resistance
- Enhanced corrosion resistance for longer structural life
- Strong bonding with concrete for added stability
- Consistent quality that meets modern construction standards

We understand that steel is more than just a construction material - it is the backbone of every safe and enduring structure. That is why we remain dedicated to providing solutions that inspire confidence and create stronger foundations for the future. Because when the foundation is strong, everything built upon it stands stronger.

Mechanical Properties of **JSPL 550 SD**

Mechanical Properties	IS 1786: 2008	IS 1786: 2008	IS 13920: 2016	JSPL
	Fe 550	Fe 550D	Fe 550	Fe 550 SD
Min. YS (Mpa)	550	550	550	580*
Max. YS (Mpa)	N.S.	N.S.	660	680*
Min. UTS (Mpa)	6% Higher than YS but nor less than 585 Mpa	8% Higher than YS but nor less than 600 Mpa	N.S.	15% Higher than YS but nor less than 655 Mpa
Min. UTS/YS Ratio	1.06	1.08	1.15	1.10
Max. UTS/YS Ratio	N.S.	N.S.	1.25	1.15
Min Total Elongation (%)	10.0	14.5	14.5	15.0
Min Total Elongation at Max Force (%)	N.S.	5.0	N.S.	5.0

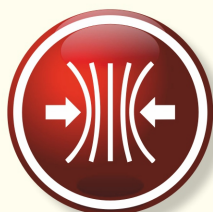
Chemical Properties of **JSPL 550 SD**

	IS1786 : 2008 Fe 550 D	JSPL
Chemical Composition	Spec	Fe 550 SD
% Carbon, Max	0.25	0.250
% Sulphur, Max	0.04	0.035
% Phosphorus, Max	0.04	0.035
% (S+P), Max	0.075	0.070
% Carbon Equivalent, Max	0.61	0.610

Trust in Every Build



Anti Corrosion
Properties



Superior
Flexibility



Extreme Heat
Resistance



Superior
RIB Design

JSPL STEEL

TRUSTED NAME - TRUSTED QUALITY

TRUST MAKES THE BOND STRONGER



CORPORATE OFFICE:

HMP HOUSE, ROOM NO. - 610, 6TH FLOOR
4, FAIRLIE PLACE, KOLKATA - 700 001

REGISTERED OFFICE:

PLOT NO.- 747, PAHALWAN MARKET, 3RD FLOOR
P.O.- K.G. ASHRAM, GOVINDPUR
DHANBAD, JHARKHAND – 828 109

WORKS:

3511, LENIN SARANI INDUSTRIAL AREA
NEAR INDIAN OIL GATE, DURGAPUR
PASCHIM BARDHAMAN, WEST BENGAL - 713 210

CONTACT: 033-4526-8369

EMAIL: info@jsplsteel.co.in / sales@jsplsteel.co.in

WEBSITE: www.jsplsteel.co.in

