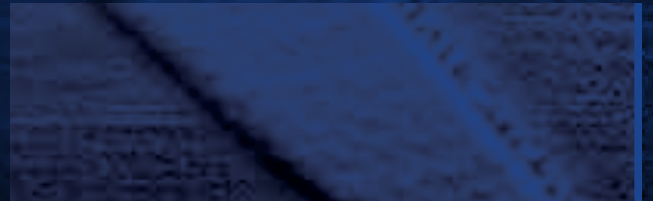


JSW Neosteel

Pure TMT Bars



Better
Strength
More
Savings



JSW Group

Amongst the leading conglomerates in India, JSW Group is a \$12 billion company. It is an integral part of the O. P. Jindal Group, and has been a part of major projects that have played a key role in India's growth.

Ranked among India's top business houses, JSW's innovative and sustainable ideas cater to the core sectors of Steel, Energy, Cement and Infrastructure. The Group continues to strive for excellence with its strength, differentiated product mix, state-of-the-art technology, excellence in execution and focus on sustainability.

From its humble beginnings in steel, the JSW Group has expanded its presence across India, South America, South Africa & Europe. JSW is known to be the "strategic first mover" to venture away from status quo, have the conviction to make fundamental changes and drive operational excellence on its quest to become better everyday.

JSW Steel Ltd.

JSW Steel Ltd. is the flagship company of the diversified US\$ 12 billion JSW Group which has a leading presence in sectors such as steel, energy, infrastructure, cement, sports among others. From a single manufacturing unit in the early 1980s, JSW Steel Ltd, today, is one of the leading integrated steel companies in India with an installed capacity of 18 MTPA, and has plans to scale it up in India.

JSW Steel's manufacturing facility at Vijayanagar, Karnataka is the largest single location steel-producing facility in India with a capacity of 12 MTPA. The Company has been at the forefront of state-of-the-art, cutting-edge technology, research and innovation while laying the foundation for long-term growth.

JSW Steel Ltd. has been widely recognised for its business and operational excellence. Key honours & awards include World Steel Association's Steel Sustainability Champion (2019), Deming Prize for Total Quality Management at Vijayanagar (2018) and Salem (2019), DJSI RobecoSAM Sustainability Industry Mover Award (2018) among others. JSW Steel is the only Indian company ranked among the top 10 steel-producers in the world by World Steel Dynamics for the last 10 consecutive years.



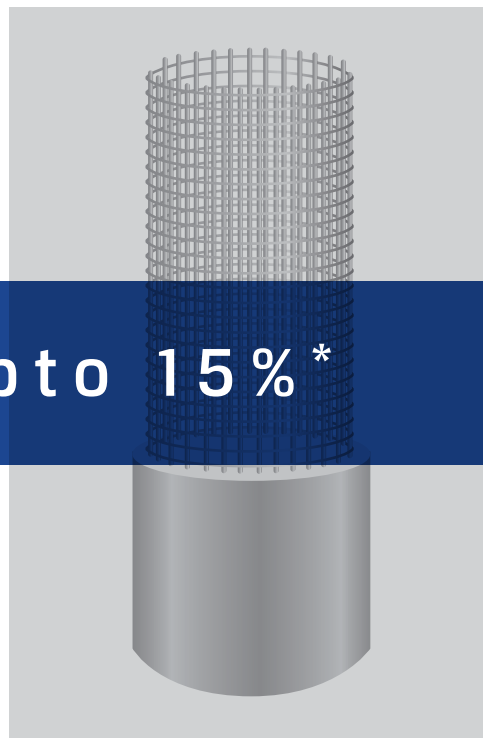
JSW Neosteel

Fe 550D

Super-premium high strength and high ductility TMT re-bars typically used in the construction of all residential & commercial projects. Fe 550D bars are also used in projects like metro, bridges, highways etc. as well as specialized infrastructure projects like nuclear power plants. These are also used in earthquake-prone areas due to a high value of percentage elongation.

**Low density of Fe 550D
grade TMT rebars**

**High density of Fe 500D
grade TMT rebars**



Savings up to 15%*

Fe 550D

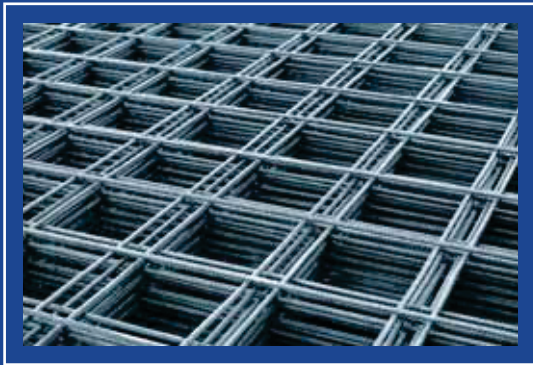
Fe 500D

*Actual steel savings will depend on the design, number of floors, seismic zone & other factors specific to the construction.



JSW Neosteel Fe 550D Benefits

Here's how stronger steel will help you build a home with better strength and more savings



Lower Steel Consumption

Homes designed by JSW Neosteel 550D consumes less steel, upto 15% * of steel savings.



Low Labour cost

Using less numbers of bars means using less labour which saves cost.



Cost Saving

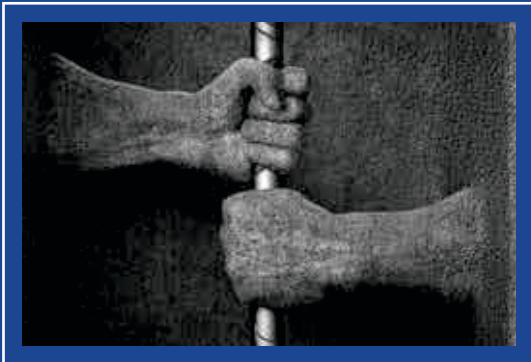
Consumption of TMT rebars is less in Fe 550D based on the same load bearing structure.



Time Saving

Lesser time is needed for placing/tying of bars and less weight on cranes improves construction efficiency.

*Actual steel savings will depend on the design, number of floors, seismic zone & other factors specific to the construction.



Strong Structure

Fe 550D based designed structure is capable to bear more load than that based on Fe 500D.



Earthquake Resistance

Higher Strength of Fe 550D TMT provides greater protection from earthquakes.



More Space

The cross-sectional area of columns made of Fe 550 TMT rebar is less than that of Fe 500D for the same load bearing design. Hence, the structure based on Fe 550D gives more carpet area.

550D

Mechanical Properties

Product Attributes	JSW Neosteel Fe 550D*	JSW Neosteel Fe 550D CRS*	JSW Neosteel Fe 600*	JSW Neosteel Fe 600 CRS*	JSW Neosteel Fe 650*	JSW Neosteel Fe 650 CRS*
YS (Min) Mpa	570	570	620	620	670	670
UTS (Min) Mpa	630	630	680	680	720	720
UTS/YS (Min)	1.12	1.1	1.08	1.08	1.08	1.08
% EL (Min)	16	16	11	11	11	11
% Total EL (Min)	7	7	-	-	-	-

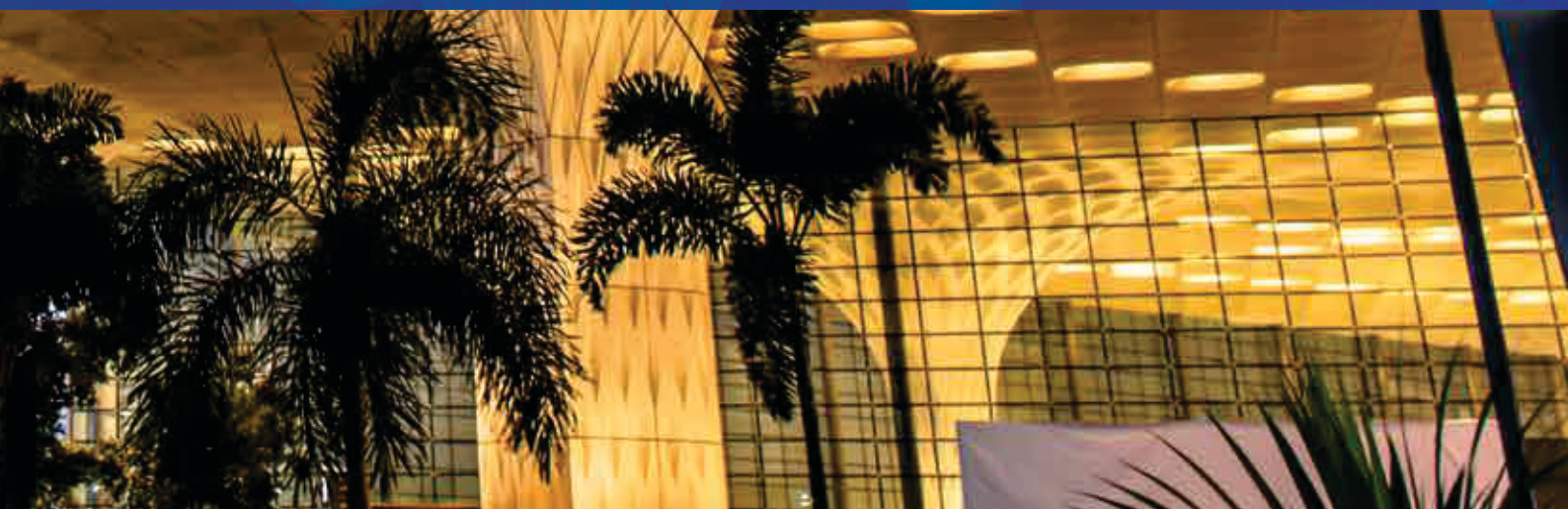
Chemical Properties

Elements	JSW Neosteel Fe 550D*	JSW Neosteel Fe 550D CRS*	JSW Neosteel Fe 600*	JSW Neosteel Fe 600 CRS*	JSW Neosteel Fe 650*	JSW Neosteel Fe 650 CRS*
%C (Max)	0.24	0.15	0.30	0.30	0.30	0.30
%S (Min) Mpa	0.04	0.04	0.04	0.04	0.03	0.03
%P (Max)	0.04	0.12	0.04	0.04	0.03	0.03
%(S=P) (Max)	0.07	-	0.08	0.08	0.065	0.06
% N (Max)	0.01	0.01	0.01	0.01	0.012	0.012
CE (Max)	0.50	0.55	-	-	-	-
Cr+Cu+Ni+Mo+P (Min)	-	0.50	-	0.50	-	0.50

The Ultimate Test

JSW Neosteel finds applications for general concrete reinforcements in

- Nuclear Power Plants
- Defense Projects
- Expressway & Coastal Bridges
- Road, Bridges, and Flyovers
- Airports & Ports
- Railways & Metros
- Residential Buildings
- Commercial Complexes
- Dams
- Industrial Structures
- Power Plants
- Metro Projects - Ahmedabad, Bangalore, Chennai, Delhi, Hyderabad, Jaipur, Kochi, Kolkata, Mumbai, Nagpur, Pune





Pure TMT Bars

Corporate Head Office

JSW Steel Ltd.
JSW Centre
Bandra Kurla Complex, Bandra (East), Mumbai - 400 051.
E-mail: jswneosteel@jsw.in

Toll-free No. : 1800-225-225

SHREE BALAJI RESOURCES

Authorised Distributor :



Omkar Residency, Flat No. - B-205, 2nd Floor
HB Road, Near SBI Branch, Ranchi, Jharkhand, PIN Code - 834 001
Email : shreebalajiresources2017@gmail.com, Ph. No. : +91 931 028 2620