



JAI BHARAT — ULTIMA — 550+SD



JAI BHARAT ULTIMA 550+SD



THE
ULTIMATE
STRENGTH

65
YEARS
SERVING NATION

550+SD

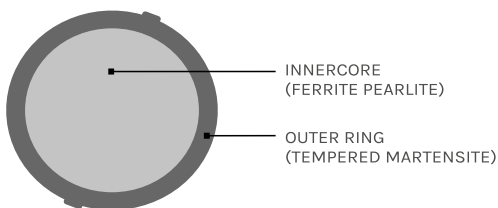
JAI BHARAT ULTIMA 550+SD OBSERVES ALL CRITICAL PARAMETERS TO DELIVER THE BEST QUALITY RE-BARS.

We at Jai Bharat have introduced our top-of-the-line ULTIMA 550+SD TMT bar that holds less weight/mtr (within BIS standards) and yet has best in class load bearing capacity, thus saving about 20% in costs in comparison to Fe415 Re-bars.

With the efforts of our R&D team, Jai Bharat innovates and designs new products that help in developing new infrastructure at low cost and in less time, hence contributing to Nation Building.



TRADEMARK
TC TEMPCORE CRM
BELGIUM



**ADVANCED
RIB DESIGN
FOR ULTIMATE
GRIP**



Jai Bharat steel offers an array of products meeting the requirements of the customers through our world class products and services. We aim to be one of the best steel manufacturers in the country.

THE ULTIMATE STRENGTH


**JAI BHARAT
-ULTIMA-**

JAI BHARAT ULTIMA 550+SD BARS



Advanced Earthquake Resistant



Extra Bond Strength With Concrete



Made using Pure Billet



Corrosion Resistance



Fire Resistance (700°C-750°C)



High Dimension Tolerance



100% Quality Assurance



Great Bendability



High Strength



Better Ductility



Safe Production



Easy Weldability

ULTIMA PRODUCT RANGE



TMT Rebars



MS Angles



MS Channels



MS Girders



MS Square



MS Round



MS Flat



MS Pipe



Wire Rod

65
YEARS
SERVING NATION

PHYSICAL & CHEMICAL NORMS

PROPERTIES / COMPOSITION	INDIA (IS : 1786) Fe 500	INDIA (IS : 1786) Fe 550	JAI BHARAT ULTIMA 550+SD
Proof Stress	: 500 N/mm ²	550 N/mm ²	570 N/mm ²
Tensile Strength	: 545 N/mm ²	585 N/mm ²	655 N/mm ²
Elongation	: 12%	10%	16%
Bend Test (Upto 20mm)	: 4D	5D	5D
Bend Test (Over 20mm)	: 5D	6D	6D
Chemical Properties %			
Carbon	: 0.30 Max	0.30 %	0.25 %
Sulphur	: 0.055 Max	0.055 Max	0.050 Max
Phosphorous	: 0.055 Max	0.050 Max	0.050 Max
S+P	: 0.105 Max	0.100 Max	0.100 Max
Carbon Equivalent	: < 0.42%	< 0.42%	< 0.40%

PRODUCT SPECIFICATIONS (TMT REBARS)

DIAMETER	NO. OF PCS	LENGTH (MTR)	Standard wt. Kg./mtr as per IS 1786-2008	Wt. Tolerance Kg./mtr as per IS 1786-2008		Wt. Tolerance Kg./mtr as per JAI BHARAT ULTIMA 550+SD	
8 MM	18	12.0	0.395	0.367-0.423	±7%	0.383-0.407	±3%
10 MM	13	12.0	0.617	0.574-0.660	±7%	0.598-0.636	±3%
12 MM	9	12.0	0.888	0.844-0.932	±5%	0.861-0.915	±3%
16 MM	5	12.0	1.580	1.501-1.659	±5%	1.533-1.627	±3%
20 MM	3	14.0	2.468	2.394-2.542	±3%	2.394-2.517	±2%
25 MM	1	14.0	3.856	3.740-3.972	±3%	3.779-3.933	±2%
28 MM	1	12.0	4.830	4.685-4.975	±3%	4.733-4.927	±2%
32 MM	1	12.0	6.318	6.128-6.507	±3%	6.192-6.444	±2%

SAVINGS IN WEIGHT & COST OF CONSTRUCTION

COMPOSITION	TMT Fe 415	ULTIMA 550+SD
Design Strength	415 N/mm ²	550 N/mm ²
Quantity Required	1.000 mt	0.800 mt
% Savings In Weight		Upto 20%

JAI BHARAT STEEL: Plot No 279, Industrial Area, Phase 2, Panchkula 134113, Haryana
marketing@jaibharatsteel.com | info@jaibharatsteel.com

www.jaibharatsteel.com | Toll Free: 1800-137-0099

TRADEMARK

