

CORROSION RESISTANT REBARS FOR A LONG-LASTING PERFORMANCE



**TATA
TISCON**
JOY OF BUILDING

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**TATA
TISCON**
CRS550D

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TATA TISCON CRS550D - A NEW STANDARD IN REBARS

SUPERIOR STRENGTH. SUPER DUCTILE. CORROSION RESISTANT.

Tata Tiscon, our nation's first super brand TMT rebar from Tata Steel, has always set benchmark quality standards and led the rebar revolution with its technical advancements. From Fe415 to Fe500D to the super ductile 500D and then to 550D, Tata Tiscon has consistently pioneered new technology and innovation. Now, we're **RAISING THE BAR** with **Tata Tiscon CRS550D**, offering a powerful combination of high strength, superior ductility, and **exceptional corrosion resistance**.

REBAR WITH UNMATCHED DUCTILITY & UNPARALLELED DURABILITY



More Strength = More Savings

Ensures efficiency to construction

- **Less steel consumption**
hence cost saving and faster construction
- **Minimum YS of 570*MPa (more than IS1786:2008-550MPa)**
 - Optimised design ensures reduced steel consumption
 - Up to 6% savings* on steel quantity
*subject to design



More Flexibility/Ductility = More Safety

Enhanced earthquake resistance

- **Minimum UTS/YS of ≥ 1.15 (As per IS13920:2016)**
- **Minimum Total Elongation of $\geq 16\%$ (More than IS13920:2016 and IS 1786:2008 $\geq 14.5\%$)**
- **Minimum Total Elongation at max force (UTS) $\geq 5\%$ (As per IS1786:2008 $\geq 5\%$)**
 - Greater safety margin

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CRS550D



More Durability (Corrosion Resistance) = More Longevity

Enhanced corrosion resistance

- Enriched chemistry (Cu and Cr)
Judicious selection of alloying elements (Cu+Cr+P+Ni+Mo $\geq 0.40\%$; Clause 4.2 notes IS 1786 Amd3:2008)
- Provides **superior corrosion resistance** through the formation of a **protective oxide layer** resulting in **longer durability** compared to ordinary rebars even in industrial/marine/coastal areas



More Eco-friendly

India's First GreenPro Certified Rebar

- Our sustainable manufacturing practices of rebars have reduced the negative environmental impacts
- GreenPro Ecolabel enables you to make an informed and sustainable choice



More Assurance

Ensures peace-of-mind while purchasing

- Tata Tiscon CRS550D rebars are available in pieces of consistent dimensions
- Each piece is of accurate length, diameter and weight