



KANNAPPAN
IRON & STEEL COMPANY PVT LTD



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Best quality TMT bars in Tamil Nadu

GRADES

- ★ **FE500**
- ★ **FE500D**
- ★ **CRS**

MADE OF EVCON - TURBO GERMAN TECHNOLOGY

Our **KISCOL TMT FE500 bars** are manufactured in **German EVCON TURBO technology** process. No.1 KISCOL TMT bars are supplied in uniform length and breadth. We are very much pleased by the people from all the sectors widely accepted our bars as best selection.

We consider customer's acceptance as our biggest success for our growth.

PROPERTIES OF KISCOL TMT BARS

| | |
|------------|---|
| Strength | Very high as grades of Fe - 500 & 550 are easily achievable |
| Elongation | Very high in all grades and over - achieves the elongation requirement in the recent amendment to IS 1786 for earth quake resistance. |

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|---|--|
| Weld - ability | Better and no loss of strength |
| Formability | Excellent due to uniform elongation Bend 1D and Re - bend 4D |
| Ductility & Fatigue Strength | Very high Most suited for earthquake resistant structures |
| Fire Hazard | Negligible loss in strength up to 500 deg C |
| Corrosion Resistance | Better Corrosion resistance |
| Work ability | Pre-welded meshes can be used |
| Overall Economy | Availability of Grades Fe-500 & 550 results in steel saving |

SPECIAL FEATURES

- Higher strength with better elongation.
- Excellent Weld-ability.
- Resistant to fire hazards.
- Excellent Ductility.
- Higher Fatigue Strength.
- Easy work-ability at site.
- Better bonding strength.
- Better Corrosion resistance.
- Achieves better results than BIS Standards.

ADVANTAGES OF TMT BARS

- Savings of 14 - 19 % Steel.
- Reduction in Costs.
- Reduced Transportation costs.
- Better Safety of structures.
- Easy working at site owing to better ductility & bend ability.
- Better Corrosion Resistance.
- Good Weld-ability.
- Resistant to fire hazards.

EARTHQUAKE RESISTANCE

For Earthquake Resistance, structures need to be provided with balanced Stiffness, Strength & Ductility between its members, connections & supports.

KISCOL TMT Bars provide very high strengths with comparatively higher Elongation Values along with better Ductility as compared to other Rebars. Better Weld-ability of TMT Bars helps in making high strength connections with other sections with little overlap.

HEAT RESISTANCE

KISCOL TMT bars, test results have shown no loss of strength up to 500 deg. C. In the temperature range 550 to 600 deg. C, the Yield strength decreases by 20 N/ sq. mm. only.

Hence TMT bars can be used in places prone to fire hazards. In CTD bars there is a large loss of strength at elevated temperatures.

CORROSION RESISTANCE

KISCOL TURBO TMT bars, have better Corrosion Resistance property than normal CTD Bars. In TMT Bars, the fine layer of scale forms a protective layer thereby preventing further corrosion, whereas, in CTD Bars, this initial layer of scale falls down during the Twisting process.

Corrosion Resistance can be further improved as per the requirement of the Customer by altering the material chemistry. The company consists of a dedicated technocrats assisted by people having high caliber of knowledge and aptitude in this field.

KNOW THE PRODUCT CHEMICAL PROPERTIES

ABOUT US

KISCOL is amongst the largest TMT bar manufacturer in Tamilnadu headquartered at Coimbatore.

Established in year of 2000 Manufacturer & Supplier of High Quality TMT bars & Alloy Steel. Also engaged in Textile and Wind farms.

CSR

KISCOL works closely with the organizations supporting the rural development, in a multitude of activities covering more villages. Our approach has been to enhance prosperity in the community by empowering the people, working together with them as partners, building their skills and capabilities, and putting the local resources to the best use for a sustainable development.

MEDIA RELEASE

KISCOL TMT BARS TAMIL ADVERTISEME...



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