

FRP Fencing



Problems Identified with Present Transformer sites

- 1. Easy Unauthorized access to the humans & animals which can invite the accidents and can lead to the fatal cases.
- 2. Rusting on the Enclosures
- 3. Theft of the Enclosure Steel and Fencing Steel is invited
- 4. No Mechanical Strength in the Fencing
- 5. Open Wire connections are a concern as it is a DANGER
- 6. Maintenance is not possible in a non clean environment.

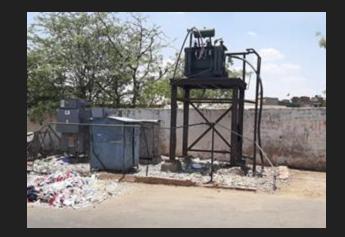






In highly populated areas

- 1. No Protection for the humans in highly populated areas
- Easy to get trapped in any accident which can cause loss of life







Solution to these type of the problems



FRP Fencing

Design properties

- High capacity of live loads
- Dimensional stability
- Flexible design to help meet structural needs
- Low thermal expansion coefficient
- Aesthetics possibilities
- Non-magnetic and customizable
- Higher resistance against pyrolysis
- Better burn through resistance







Without Foundation

Mechanical properties

- High tensile strength
- Better seismic resistance
- Resistance against atmospheric degradation and weathering
- Excellent resistance against freezethaw cycles
- Good stiffness to weight ratio
- Resistant to deicing salts

Cost

- Zero or less maintenance cost
- Savings due to rapid project completion
- Lower user cost
- Considerable decline in price







With Partial Foundation

Construction parameters

- Ease of installation
- Less expensive equipment required to handle material
- Reduced transportation and assembly cost
- Reduced traffic delay
- Less labor required in installation process
- Longer service life







With Full Foundation

FRP Fencing

Features

- Corrosion resistant
- Low in thermal conductivity,
- Good aesthetic looks E
- Low electrical conductivity
- Easy to Assemble
- Safety Features
- UV coating
- Cost effective
- Light Weight
- Structurally strong
- Easy to field fabrication

Applications

- Transformer Fencing
- Airport Fencing
- Cattle Farm fencing
- Domestic Fencing
- Agriculture Fencing
- Decorative Fencing
- Pool Fence
- Chain Link Fencing
- Road Barrier Fencing

Comparison with metal fencing

Metal Fencing

- 1. Rusting
- 2. Theft
- 3. Poor Strength
- 4. Non Insulating
- 5. Can hurt on damage
- 6. Can be tampered

FRP Fencing

- 1. Rust Proof
- 2. Theft Proof
- 3. Higher Mechanical Strength
- 4. Fire Retardant
- 5. Cannot be damage and non hurting even if damaged intentionally
- 6. Cannot be tampered