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- Eastern Railways



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STEEL
GUARD
coat

RUST FREE GLOBE PVT. LTD.

4A/12B, Priyadarshini Colony, 2nd Cross, Jadhavwadi, Kolhapur - 416005 Maharashtra (INDIA)
✉ rustfreeglobe@gmail.com 🌐 www.rustfreeglobe.com ☎ 91- 9371660931, 7720047775

Best Surface protective coating
which takes MS Surface to Nobility

STEEL GUARD nano coat

GET RID OF RUST FOREVER

Intellectual patented product in
rust prevention &
first of it's kind in India.

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STEEL
GUARD
coat



Steel Guard Nano Coat (Water based anti rust compound)
 The only intellectual patented product in rust prevention & first of it's kind in India. Developed on the principles of nano technology. "Steel Guard Nano Coat" is a unique ready to use, inorganic, water based eco-friendly surface coating Anti-Rust compound.

Patent No. 2654/mum/2013

● BENIFITS ●

- Act's at molecular level of the steel surface, hence dosen't form any extra layer.
- 100% extra bonding strength with cement & paint.
- Adds extra gloss to paint & primer.
- Reduction in RA value.
- Stops "Peeling Off" of paint.
- 5B-4B type of adhesive to paint (as per ASTM D 3359)
- Non Toxic, Non Evaporative & Non Inflammable.
- Most economical process as compared to other process.
- ROHS approved product.

● APPLICATION ●

- Construction Steel (TMT Bars)
- Sheet Metal Work
- Fabrication Work
- PEB's
- Manitenance & re-doing work
- Ship building & Docks etc.
- Railway Structure, Rail Tracks, Rail Wagons etc.
- Major Infrastructure Projects
- Body building engineering
- Many more area where "RUST" is evil...

● HIGHLIGHTS ●

- Rust Proof
- Inorganic & Water based Material.
- No skilled worker needed for application.
- Good Shelf Life.
- Paint / Spray / Dip Application.
- No Repeat application needed.
- Stable From +400°C to -200°C.
- Film Thickness 0.02 to 4 Microns.
- No effect on Plastics.
- Job can be painted, powder coated.
- No need of Primers & Red Oxide.
- Non electro static.
- 1 Ltr to 200 Lts. Pkg.
- 1 Ltr covers 200 sq.ft.

● THIRD PARTY TEST CERTIFICATES ●

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|--|--|---|--|--|
| <p>University of Mumbai</p> <p>Passes Salt Spray test for 2000 Hrs at 65 Microns of paint.</p> | <p>TCR Engineering Pvt Ltd</p> <p>Steel Guard is ROHS complied</p> | <p>Structwel Designers & Consultants Pvt Ltd</p> <p>Increases Bond Strength between Cement and Steel by twice</p> | <p>National Test House, Mumbai</p> <p>Adhesion test ASTM D3359 Passes by ASTM 5B</p> | <p>Jadavpur University, Kolkata</p> <p>Increases Corrosion Resistance & takes iron surface to Nobility</p> |
|--|--|---|--|--|

● BEFORE & AFTER ●



● TESTINGS ●

| | | | |
|--|--|---|--|
| <p>Steel Guard Coated Followed by single coat Epoxy Paint after 1200 Hours in Salt Spray Machine as per ASTM B-117</p> | <p>Cross cut test of epoxy paint & salt spray after 120 hours without STEEL GUARD COAT</p> | <p>Poor Paint adhesion without application of STEEL GUARD Nano Coat</p> | <p>ASTM 5B types paint adhesion after application of STEEL GUARD followed by Paint</p> |
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