



# MCON STEEL RC

RUST CONVERTOR CUM PASSIVATOR  
COAT FOR STEEL REINFORCEMENT



### Product Description :-

MCON STEEL RC is a rust treatment which stabilises and converts adamantly adhering rust in to a ore-gano - complex compound, resulting in the formation of a nonporous and moisture - repelling coating of good mechanical stability, abrasion resistance, bond strength and excellent anti-corrosive properties. MCON STEEL RC converts adherent rust into a hard complex that attains a passive state without losing the strength of metal.

### Features & Benefits :-

- Performs rust removal and rust prevention in one operation in mild conditions.
- Improves bond strength of steel with Concrete.
- Treatment can be carried out at site. Coated bars do not suffer bond loss when embedded in concrete unlike epoxy coated bars which are known to suffer substantial bond loss.
- Self-curing.

### Areas of Application :-



*Reinforcement Bars*



*Bridges*



*Steel-Pipeline*



*Structures*

### Technical Details :-

Colour	Brown
Application	Brush, Dip, Air spray
Recommended DFT/COAT	25-35 Microns
Specific Gravity	Approx 1.15
Surface Dry	1 hour at 30° C
Hard Dry	24 Hrs.
pH Value	pH value between 6-7 (Neutral)
Chemical Resistance	Resistance to alkalis in moderate concentrations
Adhesion Test	Approved as per IS 13515: 1992
Storage	Store between 5° C and 50° C, Shake and stir well before use





ANTI CORROSIVE SYSTEM

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### Easy To Apply :-

#### Surface Preparation :-

- Remove excess rust with a stiff, bristled brush.
- Good surface preparation will help MCON STEEL RC work more effectively.
- This step isn't always necessary, but the quality of the preparation leads to a high quality end result.
- The object of this step is to get any loose or flaking rust off rather than trying to seal it in.
- Clean and decreased the surface and let it dry.
- This step ensures that other surface contaminants will not interfere with the reaction of the Product on the rusted surface.

#### Product Application :-

- Apply STEEL RC with a brush or a roller.
- Larger surfaces are much easier to roll and brushes work well on smaller surfaces.
- It is recommended that any loose excess rust be removed with a wire brush and the rusty steel surface washed with high pressure water to remove excess salt contamination.
- MCON STEEL RC will dry in 20 minutes however it takes 24 hours to cure.
- Application of a second coating will ensure proper rust conversion.



#### Coverage :-

50 - 60 Sq.ft Per Ltr



#### Packing :-

1,5 & 20 Ltr

#### Shelf Life :-

- Please store away from direct sunlight. 12 months from date of manufacturer.

An ISO 9001 : 2015 - An ISO 14001 : 2015 - AN BS OHSAS 45001 : 2018

**MCON RASAYAN PVT. LTD.**

Trusted Partner In Construction Chemicals

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