



MCON RASAYAN PVT. LTD.

Trusted Partners In Construction Chemicals



MCON STEEL ZRP

ZINC RICH ANTI CORROSIVE COATING
FOR EXTERNAL STEEL SUBSTRATES

Product Description :-

MCON STEEL ZRP is a two component polyamine cured zinc rich epoxy coating. MCON STEEL ZRP is a two pack system enriched with metallic zinc to provide outstanding performance in highly corrosive environment. Metallic Zinc imparts Cathodic protection to the base metal. It resists photo degradation by UV light as it contains UV absorber. MCON STEEL ZRP has high zinc content to provide steel with protection of undercoating.





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Areas of Application :-

- ✓ **Structural steel and piping exposed to a wide range of corrosive atmospheric environments up to very high.**
- ✓ **Recommended for offshore environments, refineries, power plants, bridges, buildings, mining equipment and general structural steel.**



Features & Benefits :-

- ✓ **High solids ensures better protection.**
- ✓ **High zinc content for the best of anti corrosion properties.**
- ✓ **Designed for severe corrosive environments.**
- ✓ **The product conforms to the compositional requirements of SSPC paint 20, level 2 and ISO 12944/ISO 20340 and the zinc pigments comply with ASTM D520 type II zinc dust.**
- ✓ **UV Resistance - It has excellent UV resistance and adhesion.**
- ✓ **New binder technology shows superior performance in adhesion / cohesion**
- ✓ **Factory made product with consistent quality.**
- ✓ **Fast dry-to-recoat and dry-to-handle.**



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Method of Application :-

When preparing new surfaces, maintaining already coated surfaces or aged coatings it is necessary to remove all contamination that can interfere with coating adhesion, and prepare a sound substrate for the subsequent product.

Remove oil, grease and other contaminants using proper degreasing agent.

For severe corrosive conditions blast clean the surface. Special care must be taken on weld areas to remove flux & spatter.

The cleaned surface should be coated before it gets contaminated.

Stir base thoroughly then mix three parts base and one part hardener by volume to uniform consistency.

Allow the mixture to mature for 20-30 min. and stir again before application & occasionally during use to prevent setting of metallic zinc.

For Brush Roller, Airless spray application, no thinning is required.

In conventional spraying, 5 % to 10 % thinning is recommended for ease of application.





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Technical Information :-

Physical Appearance	Grey Color
Drying Time	Surface dry in 30 to 60 minutes
Dry Film Thickness	300 microns per coat
Basic Binder	Alkyl Silicate Inorganic
Gloss	Low



Coverage :-

10 to 12 m2 per pack of 4 Ltr.





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Safety Precautions :-

Do not apply when ambient temperature is less than 5°C

Thinning is not advisable.

Do not keep material open for a long time.

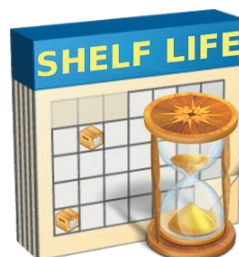
Product cannot be applied on surfaces/substrates that are subjected to continuous seepage or dampness.

Stir well before use.



Shelf Life & Storage :-

6 months from manufacture in original unopened bags if stored in dry conditions.



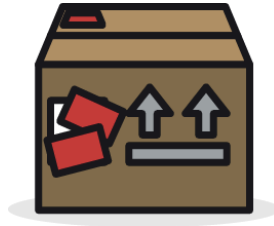


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Packing :-

4 Ltr pack



**(Mcon Rasayan has maintained the highest level of Quality and Consistency by following Systems is certified and as an ISO 9001 : 2015, ISO 14001:2015 & ISO 18001:2015 Company.)*

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