



RZ – 4114

Zinc Chromate Chlorinated Rubber Primer

Product Description

RZ-4114 is a physically drying, modified chlorinated rubber based primer, containing Zinc chromate as rust preventing pigment.

Recommended Use

As a maintenance water resistant primer for use on exterior and interior steel surfaces in moderately to severely corrosive environment. It is a suitable coating for C3 and C4 environments based on ISO 12944.

Outstanding Characteristics

- Excellent water resistance.
- Durability in severe marine atmosphere.
- Good penetration.
- Excellent acid resistance.

Surface Preparation

Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Abrasive blasting to Sa 2½, SSPC-10 with a sharp-edged surface profile corresponding to Rugotest No. 3, BN9a, keane-Tator comparator, 2.0 G/S or ISO comparator, medium (G).

Technical Data

Finish	Flat
Color	Yellow, green
Volume Solids	35 ± 2%
Specific Gravity	1.3 ± 0.05 gr/cm ³
Flash Point	24 °C
Recommended D.F.T.	40 - 60 microns
Theoretical coverage	8.75-5.83 m ² /lit 6.73 – 4.48 m ² /kg
Touch dry	30 min. at 25 °C
Thermal Resistance	Up to 70°C
Shelf life	12 months at 25 °C

Application Details

Application method	Air / Airless spray, Brush, Roller
Nozzle orifice	0.017" – 0.019"
Nozzle pressure	150 bar / 2200 Psi
Ambient temperature	5-45 °C
Thinner/Cleaner	RZT-41
Recoat interval	Min 8 hrs at 25 °C Max :Unlimited

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Application Procedure of RZ-4114

1. Flush all equipment with recommended cleaner before use.
2. Stir the product thoroughly with a power mixer.
3. For conventional spray, thin with no more than 20-30% of recommended thinner for workability. For airless spray 10% of thinner is normally sufficient.
4. Apply a wet coat by parallel passes. Overlap each pass 50% to avoid bare areas, pinholes or holidays.
5. Double coat all welds, rough spots, sharp edges, rivets, bolts, etc. to ensure proper thickness.
6. Check thickness of dry coating with a non-destructive dry film thickness gauge. Recoat if greater thickness is required.
7. Random pinholes, holidays and small damaged or bare areas can be touched up by brush when the film is dry to touch. Larger areas should be sprayed.
8. In confined areas ventilate with clean air during application and drying until all solvents are removed.
9. Clean all equipment with recommended cleaner immediately after use.

Environmental Conditions

Air Temperature: 5- 45 °C

Material Temperature: 10- 30 °C.

Relative Humidity: Max.85%.

Surface Temperature should be at least 3 °C above dew point.

Don't apply when the wind speed is more than 5m/s.

Safety

This product is flammable. Keep away from heat and open flame. Keep container closed. Avoid prolonged and repeated contact with skin.

Since improper use and handling can be hazardous to health and cause fire or explosion, safety precautions included with application instructions must be observed during all storage, handling, use and drying periods.

If used in confined areas:

- circulate adequate fresh air continuously during application and drying.

- Use fresh air masks and explosion proof equipment

- Prohibit all flames, sparks, welding and smoking

- Take precautionary measures against static discharges

Keep away from food products.

Storage conditions

Store in cool dry conditions, away from sources of heat and naked flames, in the original, unopened packs. If stored at high temperature, the shelf life may be reduced.

Disclaimers

Our information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience.

However we reserve the right to change the given data without notice.

Any recommendation relating to the use of the products, is based on data believed to be reliable. It is buyer to satisfy itself of the suitability of the product for its own particular use.

As the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself.

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