

# ZINC PHOSPHATE ALKYD PRIMER

## RZ- 2115

### Product Description

RZ-2115 is a single pack air drying alkyd zinc phosphate primer.

### Recommended Use

RZ-2115 is an anticorrosive shop or field primer used for protection of structural steel in mild industrial and commercial environments.  
Not recommended for direct application to galvanized steel or zinc rich primers.

### Outstanding Characteristics

- Excellent rust preventing.
- Lead and chromate pigment free.
- Excellent adhesion and a very good anti- corrosive property.

### Surface Preparation

Remove oil and grease, etc. with suitable detergent.  
Remove salt and other contaminants by (high pressure) fresh water cleaning.  
For exterior use: Abrasive blast clean to Sa2 minimum .(Surface profile 30-50 microns)  
For interior use: Abrasive blast clean to Sa 2 Minimum of power tools clean to St3 .

### Technical Data

Finish	Flat
Color	Red brown,Grey,Cream
Volume Solids	48± 3%
Specific Gravity	1.37± 0.03 gr/cm <sup>3</sup>
Flash Point	365°C
Recommended D.F.T.	40 - 60 microns
Theoretical coverage	12-8 m <sup>2</sup> /lit 8.75-5.8m <sup>2</sup> /kg
Touch dry	2 hrs at 25 °C
Thermal Resistance	Up to 120 °C
Shelf life	12 months at 25 °C

### Application Details

Application method	Air/Airless spray, Brush, Roller
Nozzle orifice	0.015"-0.017"
Nozzle pressure	120 bar / 1800 Psi
Ambient temperature	10-45 °C
Thinner/Cleaner	RZTM- 21
Recoat interval	Min 16 hrs at 25 °C Max None at 25°C

*\*Maximum overcoating time will limited significantly at high ambient temperature and in strong sunlight*

## **Application Procedure RZ-2115**

1. The temperature of paint should preferably be above 15°C otherwise extra solvent may be required to obtain application viscosity.
  2. Stir well before use until homogenous.
  3. RZ-2115 may be applied by spray, brush and roller , for spray application thin up 15-20% with T-21
  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. 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 resprayed.
  7. 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.
  10. RZ-2115 to form a film by an oxidative process .It is therefore limited to relatively low film thickness . ( typically d.f.t= 40 microns)
  11. Maximum recoating interval in warm environments will be restricted 7days.
- Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.

## **Limitations**

Surface temperature must be at least 3°C above dew point. Do not apply at temperature below 5°C or where temperature may fall below 5°C during drying period or if the relative humid excess 85%

## **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 and Handling**

The products should be kept in a cool and well ventilated place protected from heat and direct sunlight. Containers must be kept tightly closed.

Handle with care.

## **Remarks**

The 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.

# **RANGIN ZEREH**

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Revised  
JAN2017