

FEATURES

Advantages:

- Single Pack - Easy to use
- Compatible with chlorinated rubber and vinyl topcoats
- Cures well at low temperatures
- High metallic zinc content - over 90%
- Only 50 microns DFT required when used as a primer within a system
- Excellent galvanic corrosion protection

Approvals:

- APAS 0014/1 ID3306
- APAS 2916/1 ID3309
- Approved for use on Transpower New Zealand towers and equipment (Ref: Appendix III - Transpower Contract Documents, Issue 2, 20 February 1998) - Primer for System 1
- Conforms to composition and performance requirements of SSPC Paint Spec. 20 Type 2

RECOMMENDED USES

Zinkex 100 is an excellent primer for chlorinated rubber and vinyl finish coats. It may be used as a "cold galvanising" coating for the repair of hot-dip galvanised surfaces.

Zinkex 100 may be left untopcoated in non-corrosive atmospheres. For this type of service 75 microns DFT is recommended.

Zinkex 100 is suitable for maintenance use in the following areas:

- Chemical Industry
- Food Industry
- Dairy Industry
- Steel Bridges
- Transmission Towers

Limitations of Use:

- Where an alkyd topcoat is required a non-saponifiable tie coat, such as Chem-Bar 3500 Primer, must be used.

SPECIFICATION DATA

Coating Type:	Chlorinated Rubber Zinc Rich
Colour:	Grey
Packaging:	1 and 4 litre Single component
Gloss:	Flat
Flash Point:	29°C Setaflash
Thinner:	Carboline Thinner No.10 or X-100
Storage:	Store under cool, dry conditions

Density:	2.75 kg per litre
VOC:	526g per litre
Temperature Resistance:	80°C dry (maximum)
Volume Solids:	51%
Theoretical Coverage Rate:	10.2 sq metres per litre at 50 microns DFT
Recommended Film Thickness Per Coat:	98-147 microns wet to obtain 50-75 microns dry
Application:	Spray - May be brush applied over small areas
Dry Times (25°C / 50µm DFT / 50% RH):	
Touch Dry	- 10-20 minutes
To Recoat	- Overnight
To Handle	- 6 - 8 hours

SURFACE PREPARATION

All surfaces must be sound and free of oil, grease, dirt, form release agents, curing compounds, loose and flaking paint, moisture and other foreign substances.

Steel Substrates:

Recommended minimum level of surface preparation is abrasive blast to SSPC SP6 (Sa2). For the best results abrasive blast to SSPC SP10 (Sa2.5).

Galvanised Surfaces:

For the repair of galvanised surfaces. Prepare exposed steel to a minimum standard of SSPC-SP 6, abrade adjacent sound galvanising to maximise adhesion.

DIRECTIONS FOR USE

Mixing:

Use mechanical agitation for proper mixing to ensure homogeneous condition. Stir until thoroughly mixed.

Thinning:

For brush application thinning is not normally required or desired; however, at lower temperatures, **small** amounts (10% or less) of Carboline Thinner No.10 or Altex X-100 Thinner may be added to the mixed material.

For spray application thinning addition between 10% and 25% Carboline Thinner No.10 or Thinner X-100 may be expected depending upon equipment set-up and environmental conditions.

Note: Excessive thinning can cause low film thickness, sagging and other film defects.

Application:

The preferred method of application for Zinkex 100 is spray. However, small areas may be brushed.

Suggested spray equipment is:

Air Spray *Graco* - Delta Air spray gun, 2.8mm (0.110") set up
De Vilbiss - JGA gun, E Fluid Nozzle, 704 Air Nozzle

(Note : Other equipment equivalent to the above may be used.)

Clean-up:

Use Carboline Thinner No.10 or X-100 thinner.

PRECAUTIONS

For industrial use only. See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

Zinkex 100 is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

ALTEX COATINGS LIMITED

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