Resene Armourchlor AM-ZP

chlorinated rubber primer/finish coat

Resene Armourchlor AM-ZP is a tough, self-priming corrosion inhibiting finish coat based on zinc phosphates and chlorinated rubber for use on suitably prepared interior metal surfaces.

interior

Physical properties

Vehicle type	Chlorinated rubber and inert plasticisers
Pigmentation	Titanium dioxide/zinc phosphate
Solvent	Aromatic
Finish	Low sheen
Colour	White and selected range of BS2660, BS5252 and Resene Total Colour Systems
Dry time (minimum)	Touch dry: 2 hours at 18ºC
Recoat time (minimum)	12 hours at 18ºC Overcoating not normally required but gloss level can be increased by application of a gloss alkyd
Primer required	Although a primer itself, can be used as a barrier coat over other primers, such as zinc rich and Resene Armourcote 210 (see Data Sheet RA35)
Theoretical coverage	6.3 sq. metres per litre (75 microns DFT)
Volume solids	47%
Recommended DFT	75 microns
Usual no. of coats	1
Abrasion resistance	Excellent
Chemical resistance	Excellent acids and alkalis
Heat resistance	50ºC
Solvent resistance	Aliphatic – good; others - poor
Toxicity	Non-toxic lead free
Durability	Good
Thinning and clean up	Resene Thinner No.6 (spray application) Resene Thinner No.11 (roller application)
Pack size	20 litre

Typical uses

- Containers - interiors
- General interior structural steelwork

Performance and limitations

Performance

1. May be applied over a wide range of temperatures -20ºC to +50ºC.
2. Excellent intercoat adhesion both initially and long term.
3. Fast drying.

Limitations

1. Solvent resistance – see above
2. Not resistant to vegetable oils or animal fats.
3. Will soften at temperatures over 50ºC.
4. Interior use only.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.

Armourchlor AM-ZP primer/finish coat

Surface preparation

Steel

Degrease according to SSPC SP1 solvent cleaning. Remove all weld spatter and grind sharp edges and weld seams. Blast clean to SSPC SP10 (Sa 2.5) or better.

Residues and dust from old paint systems containing lead or chromate may be dangerous to the health of the operator and the environment. Ensure approved procedures are put in place to safeguard against this.

Application

Thoroughly stir until uniform using an explosion-proof power mixer.

Airless spray

Use a JGB 501 gun with a 19 thou tip and a total output fluid pressure of 21,000 kPa (3,000 psi).

Conventional spray

Use JGA 502 gun with an 'E' fluid tip, needle and 704 or 768 air cap or equivalent.

Pressures

Atomising pressure 350-490 kPa.
Pot pressure 175-245 kPa.

Roller

Short pile solvent resistant rollers. When roller applied, multiple coats may be needed to achieve recommended dry film thickness.

Thinning

Resene Thinner No.6 (spray application); Resene Thinner No.11 (roller application).

Safety precautions

Consult Safety Data Sheet for this product prior to use. Users should ensure that they are familiar with all aspects concerning safe application of this product. IF IN DOUBT, DO NOT USE THIS PRODUCT.

In Australia
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the paint the professionals use

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