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.

Typical uses
- Containers - interiors
- General interior structural steelwork

Physical properties
- Chlorinated rubber and inert plasticisers
- Titanium dioxide/zinc phosphate
- Aromatic
- Low sheen
- White and selected range of BS2660, BS5252 and Resene Total Colour Systems

Dry time (minimum)
- Touch dry: 2 hours at 18°C
- 12 hours at 18°C

Recoat time (minimum)
- Overcoating not normally required but gloss level can be increased by application of a gloss alkyd

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
- 50°C

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)

Performance and limitations

Performance
- May be applied over a wide range of temperatures -20°C to +50°C.
- Excellent intercoat adhesion both initially and long term.
- Fast drying.

Limitations
- Solvent resistance – see above
- Not resistant to vegetable oils or animal fats.
- Will soften at temperatures over 50°C.
- Interior use only.

Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of Resene products. View Data Sheets online at www.resene.com/datasheets. 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.