

Resene ArmourZinc 110

zinc rich primer
single pack

Resene ArmourZinc 110 is a high zinc content primer exhibiting the excellent corrosion resistance of zinc rich primers. Prevents under-film corrosion at areas of damage.

Typical uses

- Primer for steel exposed to a hostile environment
- Repair or welding primer
- Shop or field coating of structural steel, plates, tanks and pipelines

Vehicle type	Acrylated co-polymer resin
Pigmentation	Zinc
Solvent	Aromatic
Finish	Matt
Colour	Grey
Dry time (minimum)	Touch: 20 minutes at 18°C Hard: 4 hours at 18°C
Recoat time (minimum)	4 hours May be overcoated with acrylics, alkyds, chlorinated rubber systems, vinyls (see limitations)
Primer required	No
Recommended DFT	75 microns
Usual no. of coats	1 (spray application) at 6.3 sq. metres per litre 2 (brush application) at 12.6 sq. metres per litre
Abrasion resistance	Good
Chemical resistance	Satisfactory within pH range 6.0-10.5
Heat resistance	Good
Solvent resistance	Poor
Thinning and clean up	Resene Thinner No.6 (spray application) Resene Thinner No.11 (brush application)

Physical properties

Performance

Performance and limitations

1. Will tolerate hand tool cleaning to SSPC SP3 (Sa 3).
2. Self recoatable.
3. Cures well at low temperatures.
4. Repair primer for zinc coated substrates.

Limitations

1. Will react with both acidic and alkaline solutions outside pH range indicated above.
2. Sensitive to most solvents.
3. The presence of moisture during storage may cause pressure developments in the container.
4. Not suitable for total immersion.
5. A non-saponifiable barrier coat, such as Resene Galvo One (see [Data Sheet D41](#)) must be used when overcoating with solventborne systems.
6. Apply Resene Galvo-Prime (see [Data Sheet D402](#)) as a barrier coat when overcoating with waterborne topcoats.

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Surface preparation

Coating performance is, in general, proportional to the degree of surface preparation. Prior to painting, the surface must be clean, dry and free from all contaminants including salt deposits.

For the best results the following is recommended:

Steel

Blast clean in accordance with SSPC SP10 (Sa 2.5). Blast to achieve a 25-50 micron profile. If profile is greater, additional film thickness will be needed. Remove abrasive residue and dust from surface.

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

Method of application

By conventional spray. Small areas only may be brushed.

Mixing

Stir thoroughly until uniform with an explosion-proof mixer.

Thinning

Resene Thinner No.6 (spray application)

Resene Thinner No.11 (brush application).

Conventional spray

Apply a good wet coat using a De Vilbiss MBC or JGA 502 gun with a Fluid Tip 'E' and air cap 704-64. Atomising pressure should be 40-50 psi, pot pressure 20-25 psi.

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.**

*Please ensure the current Data Sheet is consulted prior to specification or application of Resene products.
If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.*

In Australia
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the paint the professionals use

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