

Resene ArmourX Rust Sealer

active rust
conversion primer

Resene ArmourX Rust Sealer is a waterborne active rust conversion coating that combines excellent rust converting properties with strong adhesion to metals. When applied to a rusted substrate the rust is converted into an anti-corrosive complex with a strong bond with the metal surface.

exterior/interior

Typical uses

- Steel
- Stainless steel
- Aluminium

Vehicle type	Acrylic epoxy hybrid
Pigmentation	Surface active components
Solvent	Water
Finish	Varies with substrate.
Colour	Off-white milky liquid
Theoretical coverage	7-10 square metres per litre neat (varies with substrate corrosion)
Usual no. of coats	1-2 (depending upon exposure environment)
Dry time	To recoat: 3 hours at 20°C To topcoat: 24 hours at 20°C
Chemical resistance	Acid - good; alkali - poor
Heat resistance	Up to 100°C (dry)
Solvent resistance	Good (cured film)
Durability	Good
Thinning and clean up	Water

Physical properties

Performance

Performance and limitations

1. Fast drying.
2. May be applied over a variety of corroded metal substrates.
3. May be overcoated with a variety of Resene topcoats including acrylics, alkyds, epoxies and polyurethanes.

Limitations

1. Drying time can be affected by low temperature, high humidity and wet film thickness.
2. Ultimate hardness, recoatability and solvent resistance develops over 7-10 days.
3. Not suitable for application of over zinc rich primers.
4. Not recommended without topcoating for prolonged or continuous immersion in fresh or saltwater.
5. Not suitable for direct application to a zinc rich primer

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Surface preparation

Wash down using Resene Roof and Metal Wash (see [Data Sheet D88](#)).

Remove all thick rust scale and loose rust, Remove all areas of rust as is practicable using mechanical methods, such as a 3M Rust and Paint Removal Disc, to leave only soundly adherent corrosion products. Wash down or water blast the prepared areas with copious amounts of water to remove salt

Application

Thoroughly mix prior to use. **Do not** thin.

Application conditions

Air temperature must be between 1°C and 40°C.

Steel temperature must be between 1°C and 40°C and at least +1°C above dew point. The relative humidity may be up to 95%.

Brush/roller (small areas only): Work the primer well into the surface. The sealer will dry quickly so avoid overworking the finish particularly over the applied wet primer after the drying process has started. Apply a full even wet film and lay off in one direction. Stripe coat welds, rough spots, sharp edges and corners prior to application of a full coat.

Spray application: Contact your nearest Resene or Resene Automotive & Light Industrial Technical Representative for spray set up advice.

Apply 1 coat of approx. 25-40 microns DFT for regular use or 40-50 microns DFT for marine/heavy use. The allowable range is 25-76 microns DFT. Do not recoat before the coat has dried. This will usually take at least 1-3 hours. The application of a wet film thickness of 50-76 microns will normally provide 25-40 DFT (regular) or 76-102 microns wet will normally provide 38-50 microns DFT (marine).

Safety precautions

Consult the Safety Data Sheet for this product prior to use. Ensure you are familiar with all aspects concerning safe application of this product before use. **If in doubt, do not use this product.**



ArmourX
Rust Sealer SDS

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