

Resene Steel Fab

chromate free fast
dry shop primer

Resene Steel Fab is a fast drying, general purpose anti-corrosive primer for use on structural steel.

Typical uses

- Specifically designed as a holding primer for use in engineering fabrication shops

Vehicle type	Oil modified polyester
Pigmentation	Anti-corrosive
Solvent	Aromatic
Finish	Flat
Colour	Red oxide, grey
Dry time (minimum)	Tack free: 15-30 minutes Through dry: 16 hours
Recoat time (minimum)	Acrylic: 24 hours at 18°C Alkyd: 48 hours at 18°C
Theoretical coverage	11 sq. metres per litre (38 microns)
Volume solids	42%
Recommended DFT	38 microns
Abrasion resistance	Good
Chemical resistance	Acid - fair; alkali - poor
Heat resistance	Up to 100°C (dry)
Durability	Good
Thinning and clean up	Resene Thinner No.5 (spray application) Resene Thinner No.11 (brush application)

Physical properties

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Resene Thinner No.11 (brush application)

Performance

Performance and limitations

- Very rapid surface drying allows early handling of steel sections.
- Achieves corrosion resistance by passivating technique.

Limitations

- Not suitable for brush application except in small areas.
- Not recommended as a primer where steel will be immersed.
- Not suitable for prolonged exterior exposure without topcoating.
- Extended drying times are required if overcoated with intermediate or finish coats containing strong solvents. Consult manufacturer for details.

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Surface preparation

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

For the best results the following is recommended:

Steel

Degrease according to SSPC SP1 solvent cleaning. Remove all weld spatter and grind sharp edges and weld seams. Power or hand tool clean to SSPC SP2 or SSPC SP3 can be used where abrasive blast cleaning is not possible. Higher standards of surface preparation will significantly improve performance.

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

Brush

Brush application suitable for small areas or touch-up.

Conventional spray

Use a JGA 502 gun with an 'E' fluid tip and needle, and 704, 765 or 78 air cap or equivalent.

Thinning

Resene Thinner No.5 - spray application.

Resene Thinner No.11 - brush 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.

*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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or email advice@resene.com.au

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the paint the professionals use

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