

STEEL PRO PRIMER



DESCRIPTION

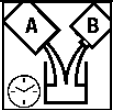
Resene Steel Pro Primer is a fast drying primer with good anti-corrosive properties formulated for use with enamel topcoats on steel, and other ferrous metals.

This product has very good inhibitive properties and recoat-ability.

Steel Pro Primer can be used as a holding primer (interiors) for use in engineering fabrication shops.

Key benefits

- Fast drying Primer
- Excellent anti-corrosive properties
- Formulated for Enamel Topcoats on steel
- Dry to sand in 1 hour – depending on film build



MIXING

Up to 20% Resene Automotive General Purpose Thinner or Spraying Thinner



PROPERTIES

Product Type:	Oil Modified Polyester
Colour:	Red Oxide, Grey
Pot Life:	N/A- approx. 2 years shelf life
Induction Time:	N/A
Application equipment:	Compliant / Conventional Suction and Gravity feed
Recommended DFT:	40-50 microns
Recommended WFT:	100-110um
Theoretical Coverage:	8 sqm per litre
Volume Solids:	42%
Recoat-ability:	24-48 hours, subject to ideal application conditions (Info available from Resene tech rep)
VOC: (clear)	520grm per litre
Durability:	Not designed to give long-term protection without over coating
UV resistance:	N/A
Gloss Level:	Flat



APPLICATION

Substrates

Can be applied over correctly prepared:

- Aged and fully cured Automotive finishes including Acrylic Lacquers, 2K and COB.
- Polyester body fillers, N.C. and Acrylic putties
- Old Finishes & Glass-Reinforced Plastics
- Steel
- Aluminium
- Galvanised Steel

Surface Preparation

Coating performance is in general proportional to the degree of surface preparation. Surfaces to be painted must be clean, dry, free from all traces of contamination, rust, corrosion and be well abraded.

Old Finishes & Glass-Reinforced Plastics

Wash with Resene C-Power diluted 20 parts clean water to 1 part C-Power. Degrease with Resene Wax & Grease Remover. Abrade with suitable grit paper; re-clean with Resene Wax & Grease Remover. Ensure surface is completely dry and dust free before applying Steel Pro. Do not apply to existing finishes that are blistering, peeling, cracking, flaking or otherwise unsound.

Steel

Degrease thoroughly with Resene Wax & Grease Remover. Sand and eliminate all rust or corrosion (treat with Resene Rust Kill). Wipe surface clean with Wax & Grease Remover. All raw steel **MUST HAVE** Mill scale removed to white metal Sa 2.5 minimum by power tool or 30 micron anchor profile grit blasting with Garnett grade C.

Aluminium

Degrease with Resene Wax & Grease Remover. Mechanically abrade with P320 disc. Treat with Resene Hydracos acid wash. Rinse with clean water, ensuring that all metal swarf and acid is removed dry. Immediately wipe surface clean with Resene GP Thinners. Apply Resene 81A 2-Pack Etch Primer within 20 minutes of surface preparation. Allow a minimum of a 3 hours flash time (24 hour maximum) before applying Resene Steel Pro.

Galvanised Steel

Degrease with Resene Wax & Grease Remover. Mechanically abrade to remove rust and corrosion. Treat with Resene Hydracos acid wash. Rinse with clean water. Immediately wipe surface clean with Resene GP Thinners. Apply Resene 81A 2-Pack Etch Primer within 20 minutes of surface preparation. Allow a minimum of a 3 hours flash time (24 hour maximum) before applying Resene Steel Pro.

Spray Equipment

Compliant / Conventional Suction and Gravity feed

Tip Size:	1.4 – 2.0 mm
Air pressure:	310 - 380 kPa (44 - 55 psi)

- 1) When spraying, use the correct gun set up as recommended by your equipment supplier.
- 2) Application techniques should be adjusted as necessary to achieve the recommended dry film thickness. It is good practice to check this process on a small sample prior taking on a large project.
- 3) If you do not have a controlled environment with good air flow to spray in, it is good practice NOT to continue if relative humidity is above 85% and in particular if temperatures are within 3°C of Dew Point.
- 4) All spray setups are recommended starting points and may need adjustments to suit the equipment and conditions.



DIRECTIONS FOR USE

Mixing:	Stir thoroughly, mixing from the bottom of the pail towards the top.
Thinning:	Steel Pro can be thinned up to 20% by volume with GP Thinner or Spraying Thinner
Application Method:	Strain before application. Spray one full wet coat or one even double coat. Allow sufficient time (normally 10 minutes) for this coat to set up. Apply the second coat in the same manner.
Dry Time:	Tack free: 30 minutes Handle: 1 hour Dry to sand: 60 min. depending on film build and ambient temp.
No. of Coats:	Two coats.

Note: Not designed to give long-term protection without over coating.

Needs extended drying time (minimum 24 hours) if over coated with Urethanes, Chlorinated rubber or Epoxy products. After 36 hours Steel Pro must be sanded to ensure intercoat adhesion.



HEALTH & SAFETY

ALWAYS READ THE SAFETY DATY SHEET (SDS) PRIOR TO USE.

Observe the precautionary notices displayed on the container.

Transport & Storage

Sizes:	1L, 4L, 20L
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Dangerous Goods

UN:	1263
Hazchem:	3Y (Packing Group III)

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