

Always use correct Personal Protective Equipment

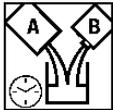
FM1 AUTO PRIMER

Description



A high quality fast drying Automotive lacquer primer formulated for quick sanding and excellent filling properties FM1 Auto Primer provides excellent hold out of **RALI** and other Topcoats.

Products



Product Type:	Nitro-Cellulose/Alkyd
Colour:	Grey
Pot Life @ 20°C:	4 hours
Induction Time:	
Density:	1.2 kg/L
Recommended DFT:	50 microns
Theoretical Coverage:	5.6 m ² /Litre @ 50 microns DFT

Properties

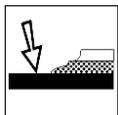


VOC:	628 g/L
Volume Solids:	Approx 28%
Recoat-ability:	Self recoat: any-time Topcoat: after sanding and cleaning
Dry Time @ 20°C:	Touch Dry: 5-10 minutes Dry to sand: 40-60 minutes depending on film build and ambient temperatures.

Note:

It is essential that FM1 Auto Primer be completely cured prior to the application of the topcoat. Failure to do so may result in shrinkage, loss of gloss and possible other defects.

Substrates



- FM1. Auto Primer can be applied over correctly prepared:
- Aged and fully cured Automotive finishes including Acrylic Lacquers and clear over base systems.
 - Glass Reinforced Plastics (Fibreglass)
 - Steel
 - Aluminium (apply first 81A Two-Pack Etch Primer)
 - Galvanised steel (apply first 81A Two-Pack Etch Primer)
 - Polyester fillers, N.C. and acrylic putties.

Surface Preparation



Old Finishes & Glass Reinforce Plastics

Wash with C-Power diluted 20 parts clean water to 1 part C-Power. Degrease with Wax & Grease Remover. Abrade with suitable grit paper; re-clean with Wax & Grease Remover. Ensure surface is completely dry and dust free before applying FM1 Auto Primer. Do not apply to existing finishes that are blistering, cracking, flaking or otherwise unsound.

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Surface Preparation (cont)



Steel

Clean down with Wax & Grease Remover. Abrade entire surface ensuring that all rust is removed. Treat with Rust Kill (refer data sheet). Re-clean with Wax & Grease Remover. Dry, then within 20 minutes apply 81A Two-Pack Etch Primer (for optimum adhesion for large areas).

Aluminium

Clean thoroughly with Wax & Grease Remover. Abrade with P320 sandpaper. Treat with Hydracos acid wash (refer data sheet). Rinse with clean water, ensuring that all metal swarf and acid is removed dry. Immediately wipe surface clean with GP Thinners. Apply 81A Two-Pack Etch Primer within 20 minutes of surface preparation.

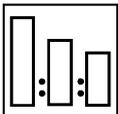
Polyester Body filler

Sand with P320 or finer paper. Remove sanding debris. Clean down with Wax & Grease Remover.

Galvanised Steel

Degrease with Wax & Grease Remover. Mechanically abrade to remove rust and corrosion. Treat with Hydracos acid wash. Rinse with water. Immediately surface clean with GP Thinners. Apply 81A Two-Pack Etch Primer within 20 minutes of surface preparation.

Directions For Use



Mixing Ratio:

1Part FM1 Auto Primer
1.5 parts RALI GP Thinner

Thinning:

Thin one part by volume of FM1 Auto Primer with one and a half parts by volume of GP Thinner

Application Method:

Strain thinned paint before application.
Apply three to four single coats allowing 5-10 minutes flash off between coats or until surface is dull or touch dry. Observe flash time between coats for this allows better through drying, easier sanding and reduces the risk of sink back or cracking.

Sanding:

FM1 Auto Primer must be sanded prior to top coating.
Dry Sanding - Use 320 - 400 grit paper
Wet Sanding - Use 400 - 800 grit paper and ensure surface is completely dry before top coating. After sanding clean surface with Wax & Grease Remover.

Spray Equipment:



Compliant / Conventional suction and gravity feed guns.

Tip Size: 1.5 - 2.00 mm
Air pressure: 3-4 bar (45-60 psi.)

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Always use correct Personal Protective Equipment**Health & Safety**

For detailed information refer to Safety Data sheet (SDS). Wear protective mask and gloves. Maintain adequate ventilation. Flammable - keep away from sparks and flames. NO Smoking in the work area. If eyes become contaminated flush with copious amounts of water for at least 15 minutes. Seek medical aid. For more detailed information refer to MSDS.

Transport & Storage

Sizes: 1L, 4L, 10L
Dangerous Goods: 3A
UN: 1263
Hazchem: 3(Y)E
Packing Group:
Shipment name: PAINT Flammable
Flash point: Below 27°C

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