Commercial Performance Coatings

TECHNICAL DATA SHEET

VIN VINYL ETCH PRIMER

PRODUCT DESCRIPTION

Commercial Performance Coatings VIN Vinyl Etch Primer is a single pack, fast drying primer which has outstanding adhesion to all metal surfaces including non-ferrous metals and chrome plated steel. Unlike conventional etch primers which can only be applied in extremely thin coats, VIN Vinyl Etch Primer can also be applied like a normal primer and exhibits good build and holdout.

PRODUCTS

Primer	VIN Vinyl Etch Primer	VIN-N23 Neutral Grey VIN-N61 Black
Reducers	EPR20 Etch Primer Reducer Normal	
Cleaners	AA-6822 PROTEC® Heavy Duty Wax & Grease Remover	

SUBSTRATES & PREPARATION

Commercial Performance Coatings VIN Vinyl Etch Primer can be applied over the following substrates once they have been prepared as follows:

SUBSTRATE	PREPARATION
Bare Steel	STARTLINE® P150 - dry
Phosphated Steel	*Startline* Scourer
Galvanized Steel	*Startline* Scourer
Stainless Steel	*Startline* P280-P320 - dry
Brass	*Startline* P280-P320 - dry
Aluminium	*Startline* Scourer Bare Aluminium surfaces should be thoroughly cleaned using AA-6822 *Protec* Heavy Duty Wax & Grease Remover before sanding. Use a high grade scouring pad to remove heavy areas of grease and imperfections in a wipe on, wipe off motion using clean rags. Once dry, thoroughly abrade the surface using *Startline* P240 or P320. Once sanded, the aluminium should be blown down and cleaned with SWX250 One choice Water Methylated Spirits, using a wipe on, wipe off motion. This must be repeated until no residue shows on the cleaning cloths.

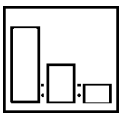
NOTE: The prepared aluminium must be primed within six hours of the preparation process. Failure to do so will allow the aluminium to re-oxidise.

Not recommended for use on abrasively blasted surfaces.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, wax etc.

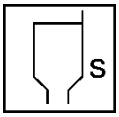
Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for its intended use.

MIXING RATIO BY VOLUME



PRODUCT	PARTS
VIN Vinyl Etch Primer	2 parts
Reducer	1 parts

SPRAY VISCOSITY



20 - 25 seconds (DIN 4) at 25°C

SPRAYGUN

CONVENTIONAL, HVLP

SETUP

• GRAVITY	1.4 mm - 1.6 mm
• SUCTION	1.6 mm - 1.8 mm

SPRAY PRESSURE

• CONVENTIONAL	2.0 - 2.5 bar (200 - 300 kPa, 30 - 36 psi)
• HVLP / RP	2 - 3 bar

APPLICATION & FLASH OFF

Apply 1 - 2 wet, even coats

Allow 3 - 10 minutes flash off between coats at 25°C

Note: Do not apply at temperatures less than 10°C, when the relative humidity exceeds 80%, or if the surface temperature is within 3°C of the dew point.

DRYING TIMES

AIR DRY (25°C)

- TOUCH DRY: 3 - 5 minutes
- DRY TO HANDLE: 30 minutes

Note: Drying times can vary dependent on temperature, flash off between coats, film builds and number of coats applied.

RECOAT

Allow 1 to 4 hours drying time before recoating. Recommendations are based on 25°C ambient temperature.

Can be re-coated in both 1K and 2K CPC Topcoats.

TOTAL DRY FILM BUILD

15 - 30 µm

TECHNICAL PARAMETERS

VOLUME SOLIDS (RFU)	6.4-9.3%, depending on colour
COVERAGE	4.8-7.0 metres (m²/L) @ 20µm Dry film thickness

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

This product is for professional use only.
The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

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