



## 426 ETCH PRO

### PRODUCT DESCRIPTION

A single pack, epoxy resin based etching primer with excellent adhesion to a large number of metal surfaces that is pigmented with Chromate free anticorrosive pigments to maximize corrosion protection. Etch Pro can be used over a large range of metal surfaces including mild steel, zinc plated steel, zincanneal, aluminium, chrome, galvanized iron, brass, copper, stainless steel, lead and alloys.

### PRODUCTS

Primer	426 Etch Pro	426-6450 Grey 426-7791 Black 426-8406 White
	Ferrous substrates only	
Reducers	EPR20 Etch Primer Reducer Normal	
Cleaners	AA-6822 PROTEC® Heavy Duty Wax & Grease Remover	

### SUBSTRATES & PREPARATION



Commercial Performance Coatings 426 Etch Pro can be applied over the following substrates once they have been prepared as follows:



#### SUBSTRATE

Bare Steel  
Phosphated Steel  
Galvanized Steel  
Stainless Steel  
Brass  
Aluminium

#### PREPARATION

STARTLINE® P150 - dry  
*Startline* Scourer  
*Startline* Scourer  
*Startline* P280-P320 - dry  
*Startline* P280-P320 - dry  
*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.

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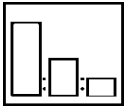
NOTE: The prepared aluminium must be primed within six hours of the preparation process. Failure to do so will allow the aluminium to re-oxidise.

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



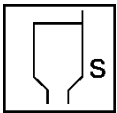
### PRODUCT

426 Etch Pro  
EPR20

### PARTS

100 parts  
Up to 10%

## SPRAY VISCOSITY



20 - 23 seconds (DIN 4) at 25°C

## SPRAYGUN



### CONVENTIONAL, HVLP

#### SETUP

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

#### SPRAY PRESSURE

- CONVENTIONAL 3.0 - 4.0 bar (300 - 400 kPa, 45 - 60 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)

- DUST FREE: 3 - 5 minutes
- DRY TO HANDLE: 20 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. In cooler conditions and depending on film builds, a longer re-coating period may be necessary.

426 Etch Pro can be re-coated with a variety of topcoats, including air dry enamels, stoving enamels and two pack Polyurethane topcoats.

## TOTAL DRY FILM BUILD

15 - 20 µm

## TECHNICAL PARAMETERS

### VOLUME SOLIDS (RFU)

10%, depending on colour

### COVERAGE

5.0-6.6 metres (m<sup>2</sup>/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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