



DRIVING SURFACE PERFECTION

TECHNICAL DATA SHEET

ACID#8

Acid Etch Primer

TECHNICAL DATA SHEET & PROCESS GUIDE

ACID #8 is a 1K ready to use etch primer available in 1 litre cans. It is used for priming bare metal surfaces, this promotes adhesion of paint and prevents steel from rusting.

ACID #8 is chromate free. Typical applications are over rub through areas prior to painting, on new bare metal panels or over bare seams before sealant is applied.

PROPERTIES

ACID#8 can be applied to the following surfaces:-

- Bare metal such as steel and aluminium
- Polyester fillers.
- Can be air dried or low baked
- Original paint surfaces (with the exception of thermoplastic acrylics).

Available Colours

- Grey

TECHNICAL DATA



Substrates

- Original Paint
- Mild Steel
- Aluminium
- Galvanised
- SMC
- U-POL Polyester Fillers

Viscosity

34 - 38 seconds BS4

Specific gravity g/cm³

1.02

APPLICATION GUIDE



Tools Required

- Degreaser
- Abrasives
- HVLP Gravity Gun
- Painters Overalls



Substrate Preparation

To achieve best results, good preparation is essential. Degrease with U-POL Precleaner (S2000, S2001 or S2002). Abrade the surface:

Original cured paint: wet flat with P400

Bare Metal (mild steel): abrade with P180.

Aluminium and zinc coated steel: P180

GRP, SMC, Glass fibre, Polyester Filler: dry flat with P180.

Before applying primer, clean lightly once more with SYSTEM 20 Degreasers and dry thoroughly.



Viscosity Poise

34 - 38 seconds BS4

Working Pot-Life @ 20°C

n/a



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Compliant HVLP Gravity Gun

Gun tip size 1.2- 1.3mm

Air Pressure at the gun 1.8 - 2.0 bar

The product can be thinned up to 5% with alcohol, e.g. IMS/Butanol.

Equipment can be cleaned with an alcohol based thinner.



Coats

Build / microns approx 20 - 30



Flash-off @ 20°C

Between coats 3 - 5 mins



Drying Times

overcoat time @ 20°C 10 - 20 mins



Over Painting

Under normal circumstances it is not necessary to flat ACID #8 and can be directly overcoated.

ACID #8 may be overcoated directly with top coat.

However, if the repair requires additional build primer filler should be used before topcoat is applied.



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STORAGE & VOC INFORMATION



Shelf Life

2 years from date of manufacture in sealed original containers.

Recommended Storage Temperature 5°C - 25°C

Equipment Cleaning Equipment can be cleaned with an alcohol based thinner.

VOC Information



The EU limit for this product (product category: IIBc) in ready to use form is 780g/litre.
The VOC content of this product in ready to use form is 670g/litre.

Order Code	Format	Colour
ACID/1	1L Tin	Grey Primer

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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