



# P 961 1K ETCH PRIMER

Technical Data Sheet No 116

Excellent adhesion promoter and anticorrosive primer

Suitable for Galvanised, Stainless Steel, Aluminum, bare metal, chrome.

Excellent physical properties

VOC compliant with the regulations

Easy to apply

## General Technical Description



Mix 1 part P 961 1K ETCH PRIMER with 1 part 740 ACRYL NORMAL / 741 ACRYL SLOW THINNER / REDUCER



20min / 60°C (140°F) panel temperature  
30 min / 23°C (73°F)



3-5 min distance: 60 - 70cm

## Surface

Aluminium Surfaces

Stainless Steel

Galvanised Surfaces

## Pretreatment / Cleaning of substrate



Clean substrate using a soft cloth and 770 ANTISIL NORMAL / 771 ANTISIL FAST DEGREASER.

Make sure the surface is first wiped dry and then air dried



Make sure you always use appropriate face protection and good ventilation

## Product Application: As a 1K Etching Primer



1:1 mix with 740 ACRYL NORMAL / 741 ACRYL SLOW THINNER / REDUCER



30 min / 23°C (73°F)  
20min / 60°C (140°F) panel temperature



Ready to spray:  
16 - 18 s  
DIN 4 @ 20°C (68°F)



3 - 5 min distance: 60 - 70cm



Compliant Spray gun  
1.5 - 1.8 mm  
2 - 2.5 bar (29 - 36 psi) inlet pressure  
1-2 x coats = 20 - 30µm (0.8 - 1.2 mil)



Use scotch bright for light sanding



Always wear protective equipment



HVLP Spray gun  
1.5 - 1.7 mm  
1.5 - 2 bar (22 - 29psi) inlet pressure  
1-2 x coats = 20 - 30µm (0.8 - 1.2 mil)



It can be painted over with HB BODY Color Solutions Basecoat Mix System  
HB BODY Color Solutions 2K Acrylic Mix System  
HB BODY Color Solutions Aquabase Mix System



5-10 min / 23°C (73°F) Flash off time



Follow the application instructions mentioned in this TDS

\*\* Warning : Suitable for wet on wet application only on brand new metal surfaces where filler has not yet been applied. Also when P961 ETCH PRIMER is used over old paint the surface must be sanded before painting.

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Excellent adhesion promoter and anticorrosive primer

Suitable for Galvanised, Stainless Steel, Aluminum, bare metal, chrome

Excellent physical properties

Easy to apply

VOC compliant with the regulations

## General Technical Description



Mix 2 parts P 961 1K ETCH PRIMER with 1 part 740 ACRYL NORMAL or 741 ACRYL SLOW THINNER / REDUCER



20min / 60°C (140°F)  
panel temperature  
60 min / 23°C (73°F)



3-5 min  
distance: 60 - 70cm

## Surface

Aluminium Surfaces

Stainless Steel

Galvanised Surfaces

## Pretreatment / Cleaning of substrate



Clean substrate using a soft cloth and 770 ANTISIL NORMAL / 771 ANTISIL FAST DEGREASER.

Make sure the surface is first wiped dry and then air dried



Make sure you always use appropriate face protection and good ventilation

## Product Application: As a 1K Filling Primer



2:1 mix with 740 ACRYL NORMAL or 741 ACRYL SLOW THINNER / REDUCER



60 min / 23°C (73°F)  
20 min / 60°C (140°F)  
panel temperature



Ready to spray:  
25 - 30 s  
DIN 4 @ 20°C (68°F)



3 - 5 min  
distance: 60 - 70cm



P 400 - P 500  
Flat bed sander



Compliant Spray gun  
1.5 - 1.8 mm  
2 - 2.5 bar (29 - 36 psi)  
inlet pressure  
2- 3 x coats = 50 - 80µm  
(2 - 3.2 mil)



P 600 - P 1000  
Sanding by hand, wet



Always wear protective equipment



HVLP Spray gun  
1.5 - 1.7 mm  
1.5 - 2 bar (22 - 29psi)  
inlet pressure  
2- 3 x coats = 50 - 80µm  
(2 - 3.2 mil)



It can be painted over with HB BODY Color Solutions Basecoat Mix System HB BODY Color Solutions 2K Acrylic Mix System HB BODY Color Solutions Aquabase Mix System



5-10 min / 23°C (73°F)  
Flash off time



Follow the application instructions mentioned in this TDS

**Flash Point:**  
25°C / 77°F

**Specific Gravity:**  
1.17 g/cm<sup>3</sup>

**Solid Content (No thinner):**  
54% Weight

**VOC (2004/42/EC)**  
This product is a special refinish product based on its ingredients and its properties. The maximum VOC content in this category is 780 g/L. The VOC content in the ready for use form of this product is 780 g/L.  
2004/42/IIB(c)(780)780

**Theoretical Coverage:**  
5 m<sup>2</sup> / l at 50 micron (2 mil)  
dry film thickness

**Cleaning of equipment:**  
Clean after final use with 740 ACRYL NORMAL THINNER / REDUCER

### Remarks:

- Allow for additional time for combi spray booths to reach the desired temperature

- Application only with the recommended hardeners and thinners / reducers

- It can be used by countries that do not adopt the VOC legislation as well.

- Do not use at temperatures below 15°C (59°F).

### Storage Shelf life:

- Store in a cool place (+5°C - +25°C) (41°F - 77°F) and use within 12 months for best results. Guaranteed shelf life of 24 months in unused original containers

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