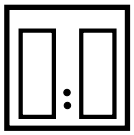
SE58 Self Etching Primer LF

FOR PROFESSIONAL USE ONLY

Description

A lead and chrome-free, self-etching primer that offers excellent corrosion resistance. SE58 Self Etching Primer LF should be used for priming steel and galvanized steel.



1 SE58 Self Etching Primer LF
1 ASE58 Self Etching Activator

Use any U-Tech measuring stick

Spray gun set-up:
1.8-2.2 mm
HVLP max. 10 psi at air cap

Application pressure:
40-50 psi (3-4 bar)
- Check gun manufacturer specification

1 coat

Before applying U-Tech PU Primer Surfacer or Sealer
30 minutes at 70°F (20°C)

Dry Times	70°F (20°C)	140°F (60°C)
Dry to recoat	30 Minutes	N.A.

Use suitable respiratory protection
Akzo Nobel Car Refinishes recommends the use of a fresh air supply respirator

Read complete TDS for detailed product information

SE58 Self Etching Primer LF

FOR PROFESSIONAL USE ONLY

Description

A lead and chrome-free, self-etching primer that offers excellent corrosion resistance. SE58 Self Etching Primer LF should be used for priming steel and galvanized steel.

Product and additives

Product	SE58 Self Etching Primer LF
Hardener	ASE58 Self Etching Activator
Reducers	-
Additives	-

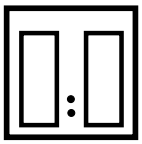
Basic raw materials

SE58 Self Etching Primer LF: Polyvinyl butyral resin
ASE58 Self Etching Activator: Phosphoric acid

Suitable substrates

- Steel, after degreasing and sanding with #P80 then #P120 grit paper dry or scuff with a red scuffing pad.
- Galvanized steel, after degreasing and sanding with #P120 grit dry or scuff with a red scuffing pad.

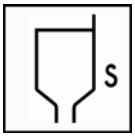
Mixing Ratio



parts by volume of SE58 Self Etching Primer LF
parts by volume of ASE58 Self Etching Activator

For easy and accurate mixing, use any U-Tech measuring stick

Viscosity



at 70°F (20°C)

- 19.5–32 sec. EZ ZAHN #2
- 12-20 sec. DIN #4.

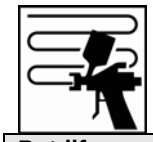
Spray gun set-up / application pressure

Spray gun	**Fluid Tip**	**Application pressure**
HVLP Siphon	1.8–2.2 mm	HVLP max 10 psi at the air cap
HVLP Gravity	1.4–1.7 mm	Check gun manufacturer specification.

SE58 Self Etching Primer LF

FOR PROFESSIONAL USE ONLY

Application process



Apply One medium coat of SE58 Self Etching Primer LF

Pot-life

2 days at 70°F (20°C)

NOTE: At the beginning of each application, thorough stirring of the mixed product is recommended.

Film thickness

Per coat: 1.0 mils (25 µm)

Drying times

	70°F (20°C)	140°F (60°C)
Dry to recoat (sealer application)	30 minutes	N.A.

Sanding

Final dry sanding step #P400-500 before application of topcoats

Initial sanding steps may be executed with a coarser sanding grit; #P320

Final wet sanding step #P500-600 before application of topcoats

Initial sanding steps may be executed with a coarser sanding grit; #P400

Recoatable with

All Utech Primer and Topcoat systems (see specific technical data sheet information)

NOTE 1: When SE58 Self Etching Primer LF is used as a non-sanding material, the maximum recoat time of a subsequent primer or sealer is 4 hours at 70°F (20°C). After 4 hours scuff sand SE58 Self Etching Primer LF and reapply.

NOTE 2: Never apply a polyester-based product or epoxy base products directly over SE58 Self Etching Primer LF.

NOTE 3: This product must be sealed with one of the compliant U-Tech primers or sealers prior to top coating. **Bleed through may occur when using topcoat colors containing 50% or more white pigment.**

SE58 Self Etching Primer LF

FOR PROFESSIONAL USE ONLY

Material usage

With recommended application, the theoretical material usage is ± 138 sq.ft./gl per coat.

- *The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure, method and application circumstances.*

Cleaning of equipment

Clean equipment with solvent borne cleaners

VOC

SE58 Self Etching Primer LF:	5.8 lb/gal	700 g/liter

Product storage

Store products unopened, and used products with closed lids preferably between 60°F-95°F (10°C-35°C)
Avoid too much temperature fluctuation, optimal storage temperature approximately 70°F (20°C)

- SE58 Self Etching Primer LF: 12 months
- ASE58 Self Etching Activator: 12 months

Head Office
Akzo Nobel Car Refinishes Inc. 5555 Spalding Drive Norcross, GA 30092, USA. www.akzonobelcarrefinishes.net