



TECHNICAL DATA SHEET

US

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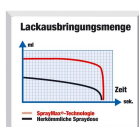
330-830-6000

www.uschem.com

1K SELF ETCH WELD
THRU PRIMER
REDBROWN

Prod.no. 3 680 001 redbrown

TECHNOLOGY



SprayMax®

Aerosol formulation made for this specific product
for easy application
constant atomization pressure
finest aerosol distribution,
professional paint result

PRODUCT

1K etch primer, welding primer; welding certificate,
chromate-free, easy and quick application,
excellent corrosion protection, even application,
smooth flow, rapid drying

Basis of raw material:

Polyvinyl butyral, contains phosphoric acid

VOC value:

3.8 lbs/gal (436 g/l)

FIELD OF APPLICATION

Recommended for:

Spot Repair and parts refinishing
welding primer, rust protection primer, filler primer
Also suitable for larger areas

Substrate:

bare metal, sanded;
fully hardened paint coats, sanded,
priming of spare parts, sanded;
polyester surfaces, sanded
aluminium, sanded
zinc-coated metals (3-coat process)

Pre-Treatment:



remove any rust if required, sand surface, clean
surface carefully with SprayMax® SILICONE
REMOVER, product no. 3 680 090; area must be
free from grease, dust and humidity. Shake aerosol
vigorously for 2 min, spray to test.

PROCESSING:

Protections:



personal protection is required
respirator mask type A2/P2



protective gloves,
e.g. from latex or nitrile

Spray passes



welding primer:	1 =	0.2 – 0.4 mil (6 – 10 µm)
primer:	1 – 2 =	0.6 – 1.2 mil (15 – 30 µm)
filler primer:	2 – 3 =	1.2 – 2.0 mil (30 – 50 µm)

Drying:



primer and welding primer:	10 – 15 min / 70 °F (20 °C)
filler primer:	15 – 60 min / 70 °F (20 °C), depending on coat thickness



IR drying possible
7 min (short-wave drying)

Continue:

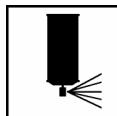
wet sanding with P 800 or dry scuff sanding with
P 400 – 500;
can be coated with any commercial filler and
topcoat.

Do not coat with polyester and EP products.

**3 680 001 must not be coated with waterborne
basecoats**

SprayMax® 1K SELF ETCH WELD THRU PRIMER
REDBROWN has a 3 months weathering resistance
on steel stored in the open air. Hereby the dried
coat thickness should not be less than 2.0 mil (50
µm).

Finish:



When work is finished, reverse aerosol and spray
valve empty.

Disposal:

The emptied aerosols are suitable for household
collection.



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CHARACTERISTICS

Solid content:	19.2 % per weight
Coverage:	approx. 775 – 1163 sq inch (0.5 - 0.75 m ²)/ aerosol at approx. 1.2 – 1.6 mil (30 – 40 µm) dried film thickness
Degree of gloss:	n.a.
Shelf life:	36 months / 70 °F (20 °C)
Remarks:	for professional use only

SprayMax® is a registered trade mark of the Peter Kwasny Group.

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