

PREMIUM

Automotive Coatings



Undercoat

8816

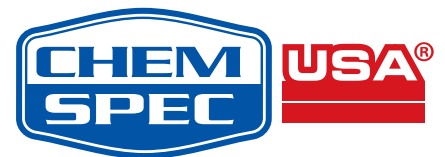
METALUX® 8816 Etch Primer was designed for use on aluminum, galvanized, and steel surfaces for its anti corrosive properties. This product is chromate-free and meets the most stringent VOC regulations.

Features & Benefits:

- Mix 1:1
- Excellent Adhesion
- Superior Corrosion Properties
- Excellent Durability
- Long Pot Life

Available Package Sizes:

- 1 Gallon (3.75 Liters)



New Mindset – New Results.®
Next Generation Paint and Coatings®



Contact us for additional information:

Undercoat

8816

Components & Additives:

METALUX® 8816 2K Etch Primer
METALUX® 8817 2K Etch Primer Activator

Mix by Volume:

1 part METALUX® 2K Etch Primer to 1 part METALUX® 2K Etch Primer Activator. Maximum RFU VOC = 5.5

Spray Gun Settings:

| | | | | |
|------------------------|--------------|-----------------|-----------|-------------|
| HVLP Gravity | 1.3 - 1.4 mm | 1.0 - 1.5 (Bar) | 6-8 PSI | *At the cap |
| High Efficiency | 1.3 - 1.4 mm | 1.0 - 1.5 (Bar) | 17-19 PSI | At Gauge |

Note: Refer to spray gun manufacturer for further information regarding HVLP Inlet Pressures.

Surface Preparation:

Degrease then sand with P180 – P320 grit sandpaper. Abrade steel with P80 – P180 grit sandpaper. Dry sand with P360 – P400 grit sandpaper. Existing surfaces (Featheredge) - use P180 – P400 grit sandpaper; Aluminum - use P320 grit sandpaper or finer.

Application:

Apply 1 – 2 single coats with 5 – 10 minute flash off between coats @77°F/25°C.

Note: Must be coated with a Primer or Sealer prior to Top Coating.

DO NOT APPLY TOPCOAT DIRECTLY TO ETCH PRIMER

Film Thickness:

± 18 microns / 0.7 mils per coat

Compatible Substrates:

- Thoroughly sanded OEM finishes adjoining metal
- Thoroughly sanded and cured paint adjoining metal
- Properly prepared steel, aluminum, and galvanized steel
- Cured body filler
- ED Primer

Dry Times:

| | |
|-----------------|-----------------------|
| Hand Slick | 5 Minutes @77°F/25°C |
| Dust Free | 10 Minutes @77°F/25°C |
| Dry to Overcoat | 30 Minutes @77°F/25°C |
| Dry to Nib Sand | 30 Minutes @77°F/25°C |
| Recoat Window | 24 Hours @77°F/25°C |

Note: METALUX® 8816 2K Etch Primer must be over-coated within 12 hours. After 12 hours, scuff sand prior to applying additional primer.

Physical Data:

| | |
|----------------------|--|
| VOC as Applied | 2.1 lbs/gallon (RFU) |
| Mixed Volume Solids | 50-55% (Average) |
| Theoretical Coverage | Approx. 800 SqFt @ 1 Mil DFT/mix gallon |
| Recommended Coats | 2 (x1) |
| DFT per Coat | Approximately 1.0 mil |
| ZAHN #3 Viscosity | 10 -18 seconds |

Performance Properties:

| | |
|---------------------|-----|
| Solvent Resistance | N/A |
| Chemical Resistance | N/A |
| Film Hardness | N/A |
| Impact Resistance | N/A |
| Flexibility | N/A |

Disclaimer:

Technical information and suggestions contained herein are for guidance only. This information is based on ChemSpec's experience and research which we believe to be reliable. This information does not constitute a warranty and we specifically disclaim the warranty of fitness for a particular purpose and the implied warranty of merchantability. Neither ChemSpec or sellers/distributors of ChemSpec's products have control over how this product is used, stored or otherwise handled. Purchasers and users of ChemSpec's products are responsible for making suitable choices for their own purposes.

Read and follow all TDS, labels, and SDS prior to application. For professional use only.

9287 Smucker Road
Orrville, OH 44667
Phone: 880-328-4892

3967 Palmer Park Blvd.
Colorado Springs, CO 80909
Phone: 719-573-8955

© ChemSpec USA, LLC. All rights reserved.



TDS_MX_8816 Revised: 012618