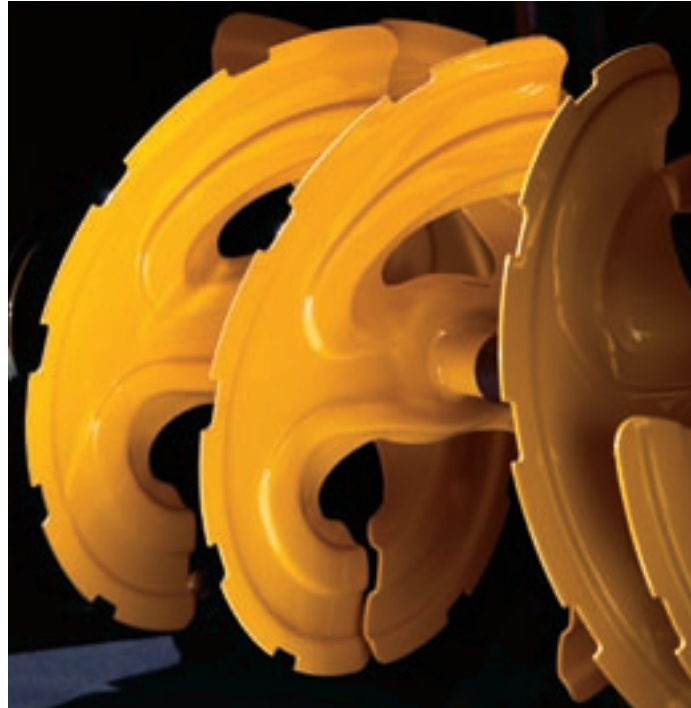




*Commercial*  
**Performance**  
*Coatings*

## **AUE-300** **Low VOC Polyurethane Enamel**



- **VOC of 3.5 lbs/gallon (maximum)**
- **Outstanding resistance to chemicals, mars and abrasions**
- **Excellent impact resistance**
- **Superb exterior gloss and color retention**
- **Very good flexibility**
- **Can be accelerated**
- **Available in high-gloss in a wide range of colors**
- **Quick, accurate matches using PPG's Color Accurate™ system**

AUE-300 Low VOC Polyurethane Enamel provides a wide balance of performance properties, including excellent flow and leveling, film hardness, and good exterior durability. This product is recommended for interior / exterior use on properly prepared and / or primed metal surfaces. AUE-300 is formulated lead and chrome-free.





# AUE-300 Low VOC Polyurethane Enamel

AUE-300 when blended with AUE-301 Polyurethane Catalyst (or UH-511 for plural components use) delivers a tough, chemical-resistant finish for use over a variety of interior and exterior applications. Dry times can be accelerated with the use of UA-11 Urethane Accelerator.

## Product List

- AUE-300 Low VOC Polyurethane Enamel
- AUE-301 Polyurethane Catalyst
- UH-511 Polyurethane Catalyst (plural component system use)
- UA-11 Urethane Accelerator

### Recommended Primers:

HBA-435, MPP-807, EEP-435, EFP-428, EPX-900, CRE-9XX, HBE-400, HSP-900, PLC-900, HSP-2128

## Physical Constants

Weight per gallon	9.5 ± 1.0 lbs/gallon
Volume solids	56.0 ± 3%
Weight solids	64.0 ± 5%
Theoretical coverage	840 – 946 ft <sup>2</sup> /gallon @ 1 mil (no loss)
Shelf life (each component)	12 months (unopened)
Recommended film builds	2.7 – 4.0 mils [Wet] 1.5 – 2.0 mils [Dry]
VOC (mixed)	3.5 lbs/gallon (maximum)
Mixing ratio	3 (AUE-300) : 1 (AUE-301) + 6 oz UA-11 for every gallon 5 (AUE-300) : 1 (UH-511) + 6 oz UA-11 for every gallon
Pot life	2 hours
Thinning	Not recommended
Substrates	CRS, HRS, Aluminum

## Dry Times

To touch	1 hour
To handle	4 hours
To recoat	16 hours to 4 days
Force bake	Flash 10 minutes & Bake 20 minutes @ 140°F

## Performance Characteristics\*

Gloss (@ 60°)	ASTM D523	80 - 90
Pencil hardness	ASTM D3363	HB - F
Adhesion	ASTM D3359	Excellent
Humidity resistance	ASTM D2247	100 hours (no creep)
Salt spray resistance	ASTM B117	500 hours (no creep)
QUV	ASTM D4587	500 hours 85-95% gloss retention at 60°
Abrasion resistance		Excellent
Chemical resistance		Engine oil Unleaded gasoline Isopropanol 10% NH <sub>3</sub> OH, 10% HCl 10% H <sub>2</sub> SO <sub>4</sub> , 10% NaOH

\*Over a suitable primer

## Typical Applications:

- Pumps
- Railings
- Lift trucks
- Car haulers
- Semi trailers
- Exterior signs
- Bank machines
- Horse trailers
- Outdoor furniture
- Interior / exterior machinery
- Agricultural & construction equipment
- Industrial machinery
- General metal finishing

## PPG Industries Commercial Coatings

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