

2K High Solids Urethane Enamel



Superb mar and abrasion-resistance

AUE-360 2K High Solids Urethane Enamel is a two-component urethane enamel offering excellent exterior durability and performance properties when blended with AUE-3501, GXH1080 or GXH1086 hardener. This fast-drying, high solids urethane enamel is recommended for industrial use on pretreated or primed metal surfaces. AUE-360 is available in a yellow base, AUE-360YL. AUE-360 is lead- and chrome-free.

Product Benefits

- Blended VOC range of 2.5 to 3.5 lbs/gallon
- Superb mar and abrasion resistance
- Exceptional hardness
- Wide range of gloss and colors
- Delivers outstanding appearance over multiple substrates
- Outstanding exterior gloss and color retention
- Choice of low-gloss, smooth or textured finish
- Excellent chemical and impact resistance
- Fast curing without the need for accelerator
- Quick, accurate matches using PPG's PAINTMANAGER® XI or COLOR ACCURATE™ software systems

Segments

- Agricultural equipment
- Construction equipment
- Fabricated metal
- Industrial equipment
- Outdoor furniture
- Railings
- Trailers



Product List

- AUE-360 2K High Solids Urethane Enamel
- AUE-360YL 2K High Solids Urethane Enamel Yellow Resin
- AUE-360LG 2K High Solids Urethane Enamel Low Gloss with AUE-3606A
- AUE-3501 Exterior Catalyst
- GXH1080 Urethane Hardener
- GXH1086 Urethane Hardener with AUE-3501, GXH1080, GXH1086

Recommended Primers: Please refer to the PPG Versolon Compatibility Chart (VER101) for all topcoat and primer compatibilities.

Physical Constants (when blended with AUE-3501)

Weight per gallon	9.5 ± 0.5 lbs/gallon	
Volume solids	58.0 ± 3%	
Weight solids	65% ± 5%	
Theoretical coverage	885 – 978 ft ² /gallon @ 1 mil (no loss)	
Recommended film builds	2.5 – 4.5 mils (wet)	
	1.5 – 2.5 mils (dry)	
VOC (mixed)	3.5 lbs/gallon (maximum)	
HAPs	No reportable HAPs	
Mixing ratio	5 (AUE-360) : 1 (AUE-3501)	4 (AUE-360) : 1 (GXH1086)
	4 (AUE-360) : 1 (GXH1080)	3 (AUE-360) : 1 (AUE-3606A)
Thinning	Up to 10% with Q30 Acetone, TFS321-50 Exempt Solvent, Q60 MEK, or Q70 MAK	
Substrates	CRS, HRS, Galvanized, Aluminum, Galvaneal	

Shelf life of AUE-360 (unopened) is 48 months.

Dry Times

To touch	1 – 2 hours
To handle	4 hours
To recoat	1 – 2 hours
Force bake	Flash 10 minutes and Bake 20 minutes @ 180°F

Performance Characteristics[†]

Gloss @ 60° Angle	ASTM D523	20 – 90
Pencil hardness	ASTM D3363	F
Adhesion	ASTM D3359	5B
Humidity resistance	ASTM D2247	1000 hours
Salt spray resistance	ASTM B117	1000 hours
QUV	QUV B QFS-40	500 hours (Up to 1500 hours QUV possible when supplied from PPG blend center)
Abrasion resistance		Excellent
Chemical resistance	ASTM D1308	10% NaOH, 10% HCl, 10% H ₂ SO ₄ , Water

[†]Performance data based on DTM application over Bonderite® 1000 panels.

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