

## Acrylic Modified Alkyd Enamel



### Heavy-duty surface protection from a single-component, fast-drying enamel

ALK-200 acrylic modified alkyd enamel is a fast-drying, industrial coating designed for interior/exterior use on properly prepared and/or primed metal surfaces.

ALK-200 used with ALK-201 (polyurethane enhancer) has an excellent balance of performance properties including excellent flow and leveling, film hardness and exterior durability. ALK-200 is also available in a yellow base, ALK-200YL. ALK-200 is lead- and chrome-free.

#### Product Benefits

- Cost effective
- Fast drying for quick turnaround
- Wide range of colors and gloss
- Versatile interior/exterior performance
- Quick, accurate matches using PPG's PAINTMANAGER® XI or COLOR ACCURATE™ software systems
- Can be applied direct-to-metal or over compatible primers
- May be packaged in aerosol spray cans if not catalyzed

#### Segments

- ..... Agricultural equipment
- ..... Construction equipment
- ..... Fabricated metal
- ..... Industrial equipment
- ..... Material handling
- ..... Metal lawn and office furniture
- ..... Trailers



## Product List

- ALK-200 Acrylic Modified Alkyd Enamel
- ALK-201 Polyurethane Enhancer (Optional)
- ALK-200YL Yellow Base
- DX-10-FLT Flattening Paste (Optional)

*Recommended Primers: Please refer to the PPG Versolon Compatibility Chart (VERSI01) for all topcoat and primer compatibilities.*

## Physical Constants

Weight per gallon	9.08 ± 1.2 lbs/gallon
Volume solids	35.35 ± 7%
Weight solids	46.58 ± 11%
Theoretical coverage	512 – 642 ft <sup>2</sup> /gallon @ 1 mil (no loss)
Recommended film builds	2.8 – 3.3 mils (wet) 1.5 – 2.0 mils (dry)
VOC (mixed)	4.2 – 5.3 lbs/gallon
HAPs	3.28 lbs/gallon
Mixing ratio	15 : 1 (with ALK-201) – Optional
Thinning	Up to 10% with Q50 Aromatic 100, Q70 MAK, or Q80 Xylene
Substrates	CRS, HRS, Aluminum, Galvaneal, Galvanized, Plastic/Fiberglass

*Shelf life of ALK-200 (unopened) is 2 years.*

## Dry Times

To touch	30 minutes
To handle	1 – 2 hours
To recoat	Before 6 hours or After 30 hours – 4 days
Force bake	Flash 10 minutes and Bake 30 minutes up to 180°F

## Performance Characteristics<sup>†</sup>

Gloss @ 60° Angle	ASTM D523	89 – 91
Pencil hardness	ASTM D3363	5B
Humidity resistance	ASTM D2247	100 hours (no creep)
Salt spray resistance	ASTM B117 ASTM D1654	250 hours (1/8" creep) 5A
QUV (UVA)	ASTM D4587	250 hours, 80 – 90% gloss @ 60° 500 hours, 60 – 80% gloss @ 60°
Chemical resistance	ASTM D1308	Motor Oil, 10% H <sub>2</sub> SO <sub>4</sub> , Isopropanol, 10% NaOH, 10% NH <sub>3</sub> OH

<sup>†</sup>Performance data based on DTM application over Bonderite® 1000 panels.

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