

# H.D. POLYURETHANE ENAMEL

A400series

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<b>PRODUCT NAME:</b>	Heavy Duty Polyurethane Enamel
<b>PRODUCT NUMBERS:</b>	A400
<b>DESCRIPTION:</b>	A high solids, lead & chromate free enamel that provides an exceptional protective coating for wood, metal or masonry surfaces that are subjected to frequent and hard use. Excellent use in homes and industry as well as boats and other marine uses.
<b>SUGGESTED USES:</b>	Floors, machinery, interior or exterior trim, masonry surfaces, walls, marine (above water level)
<b>COLORS:</b>	All Colors
<b>FINISH:</b>	High Gloss, Semi - Gloss
<b>VEHICLE TYPE:</b>	Polyurethane/Alkyd
<b>SOLVENT TYPE:</b>	Mineral Spirits
<b>VOC:</b>	3.15 Lbs/Gallon (378 Grams/Liter)
<b>FLASH POINT:</b>	105° F. Seta Flash
<b>SOLIDS BY VOLUME:</b>	52%
<b>WEIGHT PER GALLON:</b>	9.85 Lbs
<b>RECOMMENDED DRY FILM:</b>	2 Mils
<b>COVERAGE:</b>	Theoretical coverage at 1 mil dry is 834 square feet per gallon, and 417square feet at 2 mils dry.
<b>VISCOSITY:</b>	80-90 KU (Kreb Units)
<b>RECOMMENDED DRY TIME:</b>	Dries in 4 Hours. Can be re-coated in 12 hours.
<b>REDUCER:</b>	Mineral spirits, adding reducer in excess of 10% will exceed VOC limits
<b>CLEAN UP:</b>	Mineral Spirits
<b>PHYSICAL PROPERTIES:</b>	<b>ASTM D1308</b> Chemical Resistance 2% Acidic acid – No Effect 2% Hydrochloric acid – Slight Stain 2% Sodium Hydroxide – No Effect. Lactic Acid – No Effect Mineral Oil – No Effect <b>ASTM B117</b> Salt Spray -200 Hours –No Effect <b>ASTM D522</b> Flexibility (conical Mandrel) – ¼ ”-Pass

**Dux Paint LLC**

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**RECOMMENDED PRIMERS:**

**Bare Steel:** Universal Primer  
**Rusted Steel:** Rust Converter  
**Wood:** Self -Priming  
**Masonry:** Latex Blockfiller

**APPLICATION:**

Brush, Roller Spray.  
 Roll: ½ lambswool or ¼” – ½” synthetic roller cover

<b>Conventional Air Spray:</b>	<b>Binks</b>	<b>Graco</b>	<b>Devilbiss</b>
Spray Gun:	#18 Or #62	800 or 900	JGA502 or MBC-510
Fluid Nozzle:	66 or 67	047 or 086	D or E
Air Cap:	66PE or 63PB	02,03, 952	704,765,78
<b>Airless Spray:</b>	<b>Binks</b>	<b>Graco</b>	
Pump:	37:1 B8-36	30:1 Bulldog	
Pressure Filter:		100 Mesh	
Fluid Hose:	71-7507x 100'	3/8" x 50'	
Airless Gun	M1	208-663	
Tips:	9-1860-9-2180	.015-.019	
Minimum Pressure:		2000 PSI	
<b>HVLP:</b>	<b>Binks</b>		
Spray Gun:	Mach 1		
Fluid Nozzle:	94F or 905F		
Orifice	.007 or .086		
Air Nozzle:	95P or 905P		

**SURFACE PREPERATION:**

Remove all grease, dirt, oil, wax and other foreign matter from surfaces by washing with suitable cleaners. Glossy areas should be dulled by sanding.  
**New Concrete:** Acid etch, rinse thoroughly with clean water and allow to dry before application.

**POT LIFE:**

Not Applicable

**SHELF LIFE:**

12 Months minimum.

**MIXING:**

Stir thoroughly and apply as it comes from the container.

**SAFETY INFORMATION:**

**COMBUSTIBLE! HARMFUL OR FATAL IF SWALLOWED, CONTAINS MINERAL SPIRITS.. Keep away from heat, sparks and flame.** To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave area. Do not take internally. Close container after each use. Avoid contact with skin or eyes.

**FISRT AID:**

If swallowed, do not induce vomiting. Call a physician immediately. In case of eye contact, immediately flush thoroughly with water and call a physician. For skin contact, wash thoroughly.

**USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.**

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **Keep away from heat, sparks and flame.**

All technical data, recommendations and services are accurate to the best of our knowledge. Seller assumes no responsibility for the results obtained or damages incurred from their use by the Buyer in whole or in part. No Warranty, including those of merchantability or fitness for a particular purpose, is expressed or implied since the method of application and its use is beyond our control. There are no warranties that extend beyond the description or the face hereof.