# **ADAMS PAINT COMPANY**



# 400HS Polyurethane Enamel

Updated: January 2015

### **Specification Data**

Generic Type: Aliphatic Acrylic Polyurethane

Description: APC0 400HS is a high solids, high gloss, two part acrylic polyurethane enamel. It has superior color and gloss retention properties, and also has very good splash and spill chemical resistance. 400HS is an excellent choice for oil and gas tanks, storage vessels, transports and a variety of other equipment where a highly durable finish is required.

#### Features:

- Very high gloss
- High solids, VOC compliant
- Good chemical resistance
- Excellent color and gloss retention
- Available in a full range of colors

#### Solids Content: 57% by Volume

#### **Theoretical Coverage:**

- 914 mil ft<sup>2</sup>
- 304 ft<sup>2</sup> @ 3 Mils

Allow for loss during mixing & application.

#### **VOC Value:**

3.1 lbs/gal per EPA Method 24

#### Color:

### Substrate & Surface Preparation

Must be clean and dry. Any dirt, dust, oil, contaminants, loose rust or loose mil scale must be removed.

#### Immersion Carbon Steel: Not Recommended

Non-Immersion Carbon Steel: Minimum SSPC-SP3 Power tool Cleaning. For optimum performance SSPC- SP6 Commercial Blast, surface profile 1.5-3.0 Mil.

#### Galvanized Steel: Not recommended

Previously painted surfaces: Surface must be sufficiently roughened, either by abrasive blasting or mechanical abrasion. Surface must attain a minimum 3B rating in accordance with ASTM D3359 "X-Scribe" test. Apply a test patch to check compatibility, prior to primary application.

Primer: APCO 245FP, APCO 351

## Application Equipment

#### Spray Application:

- Conventional: Pressure pot with dual regulators, 3/8" I.D. material hose. Binks 2001 Gun w/66 series nozzles and 565 needle
- Airless: Graco 36:1 Min. 1/4" material line. Tip size .011-.013 Output PSI- 3000

#### **Brush & Roller:**

- Brush: Natural Bristle
- Roller: 1/4" Nap cover with Phenolic Core

## Mixing & Thinning

#### Components: 2

Mix Ratio: 4 base Part A to 1 Activator Part B

Pot Life: 4 hours at 75°F

Mixing: Mix to uniform consistency and color. Frequent stirring is required to keep aluminum pigments suspended.

#### Thinning:

- Spray: Up to 12 oz/gal with S124 if necessary
- APCO S125 May be used in hot conditions

### Application

Pre-application: Flush all equipment with thinner S124 or MEK

Temperature: Application range from 50°F-110°F surface temperature. Do not apply below 50°F.

Method: Apply one coat maintaining a wet edge to achieve a WFT of 4-6 Mils. Maximum performance will be achieved with two coats totaling 4-6 mils DFT.

Adams Paint Company 1416 North University Avenue

Lubbock, TX 79415 806.763.2944 www.adamspaintcompany.com

To the best of our knowledge, the technical data contained herein is true and correct at the date of issuance and are subject to change without notice. No guarantee of accuracy is given or implied. We guarantee the standard of quality of this material and its adherence to Adams Paint Company's specifications. The use of the product is beyond our control and therefore we assume no responsibilities for coverage, performance or injury resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ADAMS PAINT COMPANY OR IT'S AGENTS, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

# Adams Paint Company



# 400H5 Polyurethane Enamel

Updated: January 2015

### **Application Continued**

Inspection: Visually inspect film to ensure adequate coverage.

**Clean up & disposal:** After use immediately flush all equipment with thinner S108 or MEK. Dispose of all containers, solvents and unused materials in accordance with all local, state and federal regulations.

#### **Curing schedule:**

Times based upon 75°F

Dry to touch: 6 hours

Dry through: 18 hours

Dry to cure: 48 hours

Dry times are greatly affected by weather conditions and film thickness.

#### Packaging & Handling:

Unit sizes: One and Five gallon units

Shipping Weight: 11.5 lbs/gal Unit

UN Classification: UN1263, PAINT, CLASS 3, PGIII

#### Adams Paint Company 1416 North University Avenue Lubbock, TX 79415 806.763.2944 www.adamspaintcompany.com

To the best of our knowledge, the technical data contained herein is true and correct at the date of issuance and are subject to change without notice. No guarantee of accuracy is given or implied. We guarantee the standard of quality of this material and its adherence to Adams Paint Company's specifications. The use of the product is beyond our control and therefore we assume no responsibilities for coverage, performance or injury resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ADAMS PAINT COMPANY OR IT'S AGENTS, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.