

Amercoat Canada

TECHNICAL DATA

A5423 FAST DRY ENAMEL

Typical Uses

A5423 enamels are well suited for use in areas where fast dry and reasonable exterior durability are required. Typical end uses include farm and material handling equipment, production machines and roll forming equipment.

Outstanding Characteristics

Exhibits fast dry, good gloss retention and good exterior durability.

Resistance Table

Has good gasoline and oil resistance when fully cured.

Recommended Systems

A5423 enamels may be applied direct to steel for light duty but should be used with fast dry primers such as Amercoat 180 or Amercoat 185HS for best results. Refer to your Amercoat Canada Technical Sales Rep for other suitable primers.

*does not account for losses during spray.

Physical Data

| | |
|--|------------------------------------|
| Finish | High gloss |
| Colour | Full range of industrial colours |
| Surface | Steel or Primed Steel |
| Component | One |
| Cure | N/A |
| Mix Ratio | N/A |
| Pot Life | N/A |
| Viscosity | 50-70 seconds #4 Ford |
| Volume Solids | 30-37 ± 3.0% (dependent on colour) |
| Allow for application loss and surface irregularities | |
| Application | Spray |
| Application Instruction: Reduce with Amercoat 65 Thinner to desired viscosity for particular equipment being used. | |
| Total Dry Film Recommendation | 1.0-1.5 mils dry |
| Theoretical Coverage at | |
| 1.0 mil | up to 590 sq ft/US Gallon* |
| 1.5 mils | up to 395 sq ft/US Gallon* |
| Drying time @ 75° F | |
| To touch | 15-30 minutes |
| Tack free | 30-45 minutes |
| To recoat | 2-8 hours |
| Hard | 24 hours |
| Temperature resistance | 65° C (150° F) |
| Discolours at | 65° C (150° F) continuous |
| Flash point | 19° C (66° F) |
| Thinner | Amercoat 65 |
| Cleaner | Amercoat 65 or Amercoat 12 |
| Shelf life | 1 year from shipment date |

Surface Preparation:

- a) **Previously Painted Surfaces**
Sand the surface lightly (or sweep blast to SSPC-SP7) and wash to ensure removal of all contaminants. Use a fine grit paper to avoid developing a deep profile. When unsure of the age of the coating always apply a small test area to ensure no lifting occurs.
- b) **Unpainted Metal**
Remove all dirt, oil, grease, rust or other surface contaminants. Chemical pretreatment such as multi-stage Iron Phosphate system or abrasive blasting to SSPC-SP6 Commercial Blast is recommended for best results. A5423 may be applied over suitable Universal Primers such as Amercoat 185HS or equal.

Equipment

A5423 enamels may be applied using conventional or airless spray equipment. With conventional equipment 0.011" - 0.013" spray tip with 30-40 lbs. atomizing pressure provides a good finish.

Safety

Refer to product Safety Data Sheet.

IMPORTANT-The information contained in this data sheet pertains to material currently offered and represents the results of laboratory evaluation and is intended as a guide. Since the customer's application requirements are not under our control, Amercoat Canada cannot make any warranties or guarantees for the results obtained.

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