



PPG Coil Coatings Product Data Sheet

PPG INDUSTRIES, INC., COATINGS AND RESINS, 125 COLFAX STREET, SPRINGDALE, PENNSYLVANIA 15144

Product: DURACRON® S630

Location: Springdale, PA

Suggested Use: A thermosetting acrylic paint designed for roll-coat application over properly cleaned, pretreated and primed Hot Dip Galvanized, GALVALUME® or Aluminum. *

PRODUCT DESCRIPTION (As Shipped)

Viscosity: 25 to 40 Sec.# 3 Zahn cup@ 77°F (25°C)

Flash Point 70°F (21°C) (Pensky-Martens)

Wt/Gal. 8.2-10.2** +/- 0.20 lbs. (Kg./Lit. 0.98 - 1.22 +/- 0.02 kg.)

VOC # / Gal = ~5.0 (0.60 kg/lit.)

Theor. Solids by Wt % 45-55 +/- 2.00

Contains Lubricant Yes

Theor. Solids by Vol % 35-42 +/- 1.50

Color Color

PHYSICAL PROPERTIES

Gloss: 10-80** @ 60° / N/A @ 85°

Hardness: HB-H Eagle Turquoise

Film Thickness: .70 -.85 mils ** Dry 1.90 – 2.30 mils** Wet
(17.8 - 21.6 Microns Dry) (48.3 - 58.4 Microns Wet)

Cure Test: 50+ Double MEK Rubs

Reverse Impact: 1500X Metal Thickness - No Pickoff

Flexibility: 2T-4T Bend: no pickoff

SUGGESTED APPLICATION DATA

Substrate: HDG, GALVALUME®, or Aluminum*

Reducer: Butyl Cellosolve / Solvesso 100 / DBE

Surface Preparation: Contact Pretreatment Supplier for Product

Clean Up: Solvesso 150/MIBK 1/1

Primer: Primer is System Dependent

Coverage/Gal: 650-960** Sq. Ft. @ .70-.85 Mils
Coverage/Lit.: 15.9-23.5 m² @ 17.8-21.6 Microns

LABORATORY CURE*

Peak Metal Temperature 450°F-465°F Oven Temperature As Required Substrate Time At Temperature 5-10 seconds
(232°C-240°C)

**Peak metal temperature may vary due to dwell time. Line oven temperature and dwell time must be correlated with laboratory cure schedule.*

Additional Information: *Primer/Substrate Variations May Require Multiple Codes.

**Depending on Color.

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