



# PPG Coil Coatings Product Data Sheet

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

Product: TRUFORM® VB

Location: Springdale, PA

Suggested Use: A thermosetting polyester paint designed for roll-coat application over properly cleaned, pretreated and primed Hot Dip Galvanized, GALVALUME®, Aluminum or CRS. TRUFORM VB is designed for use in applications such as venetian blinds, shelving and lighting fixture black due to the excellent appearance and smoothness at lower dry film thicknesses.

## PRODUCT DESCRIPTION (As Shipped)

Viscosity: 20 to 25 Sec.# 4 Zahn cup@ 77°F (25°C)

Flash Point 90°F (32.2°C) (Pensky-Martens)

Wt/Gal. 8.5-12.5 lbs/gallon (Kg./Lit. 1.01 - 1.50 kg.)

VOC # / Gal = 3.0 - 3.8 (0.36 - 0.46 kg/lit.)

Theor. Solids by Wt % 61-75 +/- 2.00

Contains Lubricant No

Theor. Solids by Vol % 51-59 +/- 1.50

## PHYSICAL PROPERTIES

Gloss: \* See below / N/A @ 85°

Hardness: F - 2H Eagle Turquoise

Film Thickness: As required Dry

Cure Test: 50+ Double MEK Rubs\*

Reverse Impact: \*\* 1½X MT:NPO aluminum  
3X MT:NPO steel on 23 guage (.027")

Flexibility: \*\*1T Bend : No Pickoff

## SUGGESTED APPLICATION DATA

Substrate: Aluminum, HDG, Galvalume, CRS

Reducer: Butyl Cellosolve or Solvesso 150

Surface Preparation: As required

Clean Up: MEK

Primer:

Coverage/Gal: 1090-1270 Sq. Ft. @ 0.50 Mils  
Coverage/Lit.: 101 - 118 m<sup>2</sup> @ 12.7 Microns

## LABORATORY CURE\*

Peak Metal Temperature 435°F-465°F Oven Temp. As Required  
(224-241°C)

Substrate Time At Temperature 5-10 seconds

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

Additional Information: Peak metal temperature may vary due to dwell time. Six month shelf life from date of shipment.

\*\*Results will vary with metal thickness and temper.

\*Lowest gloss achievable will depend on color (eg. 40 gloss is the lowest for a white, 25 gloss is lowest for a black, 80+ gloss is possible on the high gloss end.)

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