

## Performance Characteristics

SUBSTRATE	PRIMER
HDG Steel G-60 or G-90, Galfan®, Aluminum	Valspar Epoxy Primer (543L007) Ultraflex II Primer (PTY0012)
Galvalume® or Zinalume Steel	Epoxy G Primer (560Y004)

PROPERTIES	PCS
Pretreatment	Various as approved
Application Method	Reverse Roll Coat
Peak Metal Temperature	450° to 470° F
Gloss (60° Head)	20 to 60
Pencil Hardness	F to 2H
T-Bends	2T to 4T, No Loss of Adhesion
Solvent Resistance	Minimum 75 MEK double rubs, No haze
Cross Hatch Adhesion	No Loss of Adhesion
Reverse Impact	Steel: 3 X Metal Thickness in Inch-Pounds, No Loss of Adhesion Aluminum: 1 1/2 X Metal Thickness in Inch-Pounds, No Loss of Adhesion

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Coil Clad 10S

- Silicone polyester, excellent durability, good transit abrasion resistance.

Application

Substrate

- Bonderite 37S pretreated HDG (Zn. Phos.)

Primer

- 445W304 Epoxy

Film Thickness

- 0.2 mils primer 0.8 mils topcoat

Cure

- 410-420°F. PMT

Typical Properties

Pencil Hardness

- F-H

Flexibility

- 2T NTPO

Reverse Impact

5/8" Ball

- 60"/# NTPO

Dry Heat

- 168 Hours @ 180°F. -- No Opening

MEK Rubs

- 100 -- No Haze

Accelerated Test Results

Salt Spray

- Less than 1/8" creepage from scribe

1000 hours

- F #8 blisters

Humidity Cabinet

- F #8 blisters

1000 hours

Water Immersion

- F #8 blisters

1000 hours

room temperature

Dew Cycle

- Less than #8 chalk

100 light hours

Typical Formulas

1PS2047 Bone White

5PS2006 Rural Red

7PS2001 Granite Blue

2PS2017 Cocoa Brown