



PRODUCT DESCRIPTION

TRUFORM HP high performance polyester coil coatings have been developed to meet the durability requirements of the garage door, entry door and truck trailer markets. It is based upon the latest technology in highly durable polyester resin chemistry.

TRUFORM HP coatings deliver an excellent balance of exterior gloss and color retention, good chalk resistance, forming flexibility, and over-all cost effectiveness. Bright exotic colors which require the use of organic pigmentation are possible with TRUFORM HP coatings.

SYSTEM OVERVIEW

TRUFORM HP polyester coil coatings are designed for one or two-coat application on aluminum and two-coat application on steel substrates. They are formulated using proven, field-tested resin systems to provide sustainable durability.

TRUFORM HP coil coatings should be applied on properly cleaned and pretreated aluminum and steel substrates, including hot dip galvanized steel, Galvalume[®], and Zinalume[®].*

Recommended primer dry film thickness is a nominal 0.20 mil over hot dip galvanized and a nominal 0.25 mil over Galvalume. Topcoat thickness is a nominal 0.75 mil.

Our new durable TRUFORM HP coatings technology has the added advantage of better recoatability compared to siliconized polyesters. The TRUFORM HP coating system can be applied at high line speeds for maximum production efficiency.

COMMERCIAL USES

TRUFORM HP coil coatings can be used to beautify and protect garage doors, entry doors, truck trailers and other outdoor applications where durability is important, such as agricultural, light commercial and pre-engineered buildings.

DURABILITY

TRUFORM HP polyester coatings have been developed to give excellent durability in real life outdoor exposures. Comparative south Florida exposure testing shows excellent gloss and color retention compared to standard and siliconized polyesters.

The coatings exhibit excellent resistance to the damaging effects of ultraviolet radiation, weather, and humidity. TRUFORM HP coil coatings offer excellent moisture resistant properties and ease of cleanability for long-term aesthetics.

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*Galvalume is a registered trademark of BIEC International, Inc.

Zinalume is a registered trademark of BlueScope Steel Limited. Steelscape, Inc. holds exclusive rights to the Zinalume trademark within the U.S.



TRUFORM HP SPECIFICATIONS		
	Aluminum Substrate	HDG/Galvalume Substrate
Dry Film Thickness (nominal) ASTM D1005	0.2 mil primer* (optional) 0.75 mil topcoat	0.2 mil primer (HDG) 0.25 mil primer (Galvalume) 0.75 mil topcoat
Gloss ASTM D523 @ 60°	10-80+	10-80+
Pencil Hardness ASTM D3363	F-2H	F-2H
Flexibility T-bend, ASTM D4145	1-2 T-bend; No pick-off 2T: NPO on < .040" substrate	2 T-bend; No pick-off 2T: NPO on < .040" substrate
Solvent Resistance ASTM D5402	100+ MEK double rubs	100+ MEK double rubs
Reverse Impact ASTM D2794	1500 x metal thickness; No pick-off	3000 x metal thickness; No pick-off
Salt Spray Resistance ASTM B117, 1000 hrs. 5% salt fog @ 95°F	No face blistering; Max. average 1/8" scribe creep	None or few #8 blisters on face; Max. average 1/8" scribe creep
Humidity Resistance ASTM D714, ASTM D2247, 1000 hrs. 100% relative humidity @ 95°F	None or few #8 face blisters	None or few #8 face blisters; No cracking, loss of gloss, or delamination

* Approved pretreatments for direct to aluminum applications are PT1500 and B-1402W.

TRUFORM HP WARRANTY INFORMATION

PPG offers a comprehensive warranty on TRUFORM HP coil coatings. For complete warranty information and a copy of the TRUFORM HP coil coatings warranty, please call PPG at **1-800-258-6398**.

