



PPG Industrial Coatings

# Truform<sup>®</sup> 580

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## Description

Truform 580 is an oil-free linear polyester with an unique balance of exceptional adhesion, flexibility, and exterior durability. It can be used as a one or two-coat system depending on substrate and product end-use.

## Uses

Residential building products, screen frame, blind slat, garage and entry doors, signs, or any product requiring a durable, flexible, exterior grade polyester.

## Application

Truform 580 is designed for coil coating application.

Bake: Typically 435 to 450°F PMT by temperature tape.

Treatment: Engineered to work over both Chrome and Non-Chrome systems.

## Coating Chemistry

Linear Polyester (proprietary) / Melamine

## Color and Gloss

Truform 580 is available in a wide range of colors.

It is available in 60° Gloss from 8 to 80+.

## Physical Properties

Volume Solids (HG White) 51% (Typical)

Pencil Hardness: F-2H

Flex: 0-T NC/NTO Substrate Permitting

Solvent Resistance: 100+ D-MEK

Reverse Impact: 2X metal thickness, NTO

## Accelerated Weathering (Aluminum substrate)

5% Salt Spray: No creep over 1/32" from scribe, ASTM B 117, 1,000 HR.

100% Humidity: No significant visual change after 1,000 HR per ASTM D 2247-87

QUV: No visible loss of film integrity and no chalking greater than #8 after 500 HR, as measured by ASTM D 4214-89.

## Special Properties

Truform 580 will give a true 0-T bend when used over screen-frame grade aluminum. It is suitable for screen frame and window muttons.

This system has exceptional flow characteristics, especially in high gloss formulations. LG formulations are typically engineered to have exceptional metal-marking resistance.

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