

S016, rev. 3

Date: 12/18/22

Field Applied Paint Guidelines and Factory Applied Finish Performance

The following guidelines should be used when topcoating PPG's Q811GY504 Water Reducible Primer, QAP591LG/592 Epoxy Primer, Q811WT518, Q811BN521, Q811BN519, and QT380 LC polyester urethane topcoat used on Curries Doors and Frames:



- Follow topcoat manufacturer's recommendations regarding surface preparation
- Follow all manufacturers' recommendations regarding surface preparation for their particular products
- Ensure primed or top coated surface to be painted is free of dirt, oil, grease or other contaminants
- Lightly scuff sand the entire surface
- Isopropyl alcohol (IPA) is recommended if a solvent is necessary to remove a contaminant from the surface. Do not use excessive amounts of IPA. Allow to flash dry before topcoat application.
- Remove all sanding dust with a tack cloth
- Spot prime any bare metal using a rust inhibitive primer such as PPG's Spectracron 560 High Solids Epoxy or equivalent; follow manufacturers' directions
- Spot test a small area for the desired results prior to painting the entire job

The following products are acceptable primers & topcoats. Follow all manufacturers' directions and label information.

Approved Spray Booth Applied Topcoats:

Waterbase

PPG Aquacron 870 Waterborne Acrylic Polyurethane Enamel - Satin - Semi Gloss

PPG Aquacron MV380 Series Waterborne Acrylic Enamel - 30 - 70 gloss

Alkyd Enamels

PPG Spectracron 100 Acrylic Modified Alkyd Enamel Series - Flat - Gloss

PPG Spectracron 110 Alkyd Enamel Series - Flat - Gloss

Acrylic and Polyester Polyurethane Enamels

PPG Spectracron 360 Series 2K HS Polyurethane - Flat - Gloss

PPG Spectracron 380 Series 2K HS Polyurethane - Flat - Gloss

PPG PITTHANE ULTRA 95-812 Series - Gloss Acrylic Urethane - Gloss

PPG PITTHANE 95-8800 Series - Semi-gloss Acrylic Urethane

Approved LEED V4 Field Applied Products:

Primer:

PPG Pitt-Tech Plus, 4020 PF Series - Primer, DTM Acrylic Rust Inhibitive

We recommend the doors and frames be sanded before applying any topcoat to ensure adhesion.

Topcoats:

PPG Breakthrough V51-410 Series - Satin Finish

PPG Pitt-Tech Plus 4216 HP Series - Semi-Gloss Finish

PPG Breakthrough, V71-610 Series - Gloss Finish



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Approved Field Applied Products

Primer:

PPG Pitt-Tech Plus, 4020 PF Series - Primer, DTM Acrylic Rust Inhibitive (note: LEED V4 approved)

We recommend the doors and frames be sanded before applying any topcoat to ensure adhesion.

Topcoat:

PPG 16-310 - *Pitt-Glaze* WB1 Interior Eggshell Pre-Catalyzed Water-Borne Acrylic Epoxy (failed - Rust Grade < 6)

PPG 16-510 - *Pitt-Glaze* WB1 Interior Semi-Gloss Pre-Catalyzed Water-Borne Acrylic Epoxy

PPG 6-1410XI - *Speedhide*: Interior/Exterior WB Alkyd Satin

PPG 6-1510XI - *Speedhide*: Interior/Exterior WB Alkyd - Semi-Gloss

PPG 6-1610XI - *Speedhide* Interior/Exterior WB Alkyd - Gloss

PPG 90-474 - Pitt Tech Interior/Exterior satin DTM industrial enamel

PPG 90-374 - Pitt Tech Interior/Exterior gloss DTM industrial enamel

PPG PITTHANE **ULTRA** 95-812 Series - Gloss Acrylic Urethane - Gloss

Additional Evaluated Topcoats:

Benjamin Moore Ultra Spec DTM Acrylic

Benjamin Moore Grand Entrance

PPG V50-430 Break-Through

PPG WB Alkyd 6-1520XI

Sherwin Williams B53 WB Alkyd Urethane

Sherwin Williams B66 DTM Acrylic

Sherwin Williams K46 Precatalyzed WB Epoxy

Behr DTM Semi-Gloss No. 3200

Specialty Coatings:

When specialty coatings such as Performance and Marine product are applied over the factory primer, follow the manufacturer's surface preparation and application recommendations. Spot test a small area to confirm desired results are achieved prior to painting the entire project.

Factory Applied Finish Performance:

ANSI A250.10 – Factory Applied Primer

PPG Q811GY504– Curries Water-based Frame/Door Primer

PPG Q811BN521, Q811WT518, Q811BN519 – Curries Water-based Frame Primer

PPG QAP591LG/QAP592 – Curries Epoxy Frame/Door Primer

ANSI/SDI A250.3 – Factory Applied Topcoat

PPG QAP591LG/QAP592 – Epoxy Frame/Door Primer and QT380LC-SF Poly Iothane Topcoat

PPG QAP591WT/QAP592 – Epoxy Frame/Door Primer and QT380LC-SF Poly Iothane Topcoat

Please contact Curries' Technical Support for any questions you may have.