

573 Series

High Build Anti-Corrosive Epoxy Primer

SPECTRACRON® 573 Series High Build Anti-Corrosive Primers are two-component, 2.1 VOC compliant, high solids, wet-on-wet, rust inhibitive primers. The high build characteristics of the epoxy primer make an excellent choice for blasted steel surfaces and where excellent filling properties, adhesion, chemical resistance and corrosion protection are needed.

Substrates

- Blasted steel
- Cold rolled steel
- Hot rolled steel
- Aluminum
- Galvanized
- Galvanneal
- Plastics¹
- Fiberglass¹

Suggested Topcoats

- Spectracron branded epoxy and urethane topcoats

End Use Markets

- Heavy duty equipment
- Agricultural equipment
- Industrial equipment
- Building materials

Product Codes

- QAP573-BLK
- QAP573-CLR
- QAP573-WHT
- QAP573-GRY

Product Highlights

- High film build capable of filling blast profiles
- Wet-on-Wet application
- Can be used over zinc rich primers
- Excellent sag, corrosion and chemical resistance
- Excellent adhesion
- VOC 2.1 lbs. /gal. (252 g/L)

Physical Properties

Property	Blended Value
Solids % by weight	64.8 ± 2.0
Solids % by volume	52.8 ± 2.0
Weight / Gallon	9.9 – 10.4 lbs. /gal. (1188 – 1248 g/L)
Coverage @ 1 mil, 100% TE	834 – 863 ft. ² /gal. (77 – 80 m ² /3.785L)
60° Gloss	15 – 50
VOC (less exempts)	2.1 lbs./gal. (252 g/L)
VOC (actual)	1.6 lbs./gal. (192 g/L)
HAPS	1.08 lbs. /gal. (130 g/L)
Shelf life	2 years (each component)

Performance Properties

Test	Result*
Pencil hardness	F – 3H, 6H after 14 day cure
Adhesion	4B
Salt Spray	1000 hours
Humidity	1000 hours

*results obtained over iron phosphate CRS panels



SPECTRACRON® 573 Series

High Build Anti-Corrosive Epoxy Primer

Substrate Protection

The surface must be clean and free of all surface contamination. A chemical pretreatment such as PPG Chemfos® KA Cleaner/Coater or a similar conversion coating will improve the performance properties of the coating system. See your PPG Representative for recommendations.

Cure Schedule

Paint film is not fully cured for 7 days. Drying time listed may vary, depending upon film build, color selection, temperature, humidity and degree of air movement.

Physical Properties

Air Dry Times²

To Touch	90 – 120 min.
To Handle	2 – 3 hours
To Topcoat	1 hour to 4 days, must be sanded after 4 days

Force Dry Times

Flash Time	15 min. (ambient)
Temperature	Up to 160°F (71°C)
Time at Temperature	20 – 40 min.

Mix Directions

Blend Ratio ³	2:1 with QAP574 2:1.25 with QAP574LV
Pot Life	2 hours
Reduction ⁴	Up to 1 part Q30, Q50, Q160, Q80 or TFS Blends can be used as needed
Line/Flush Clean Up	Q30 or Q60

Application

Equipment	Conventional, HVLP, airless, air-assisted airless
Recommended Wet Film Build	4.0 – 16.0 mils 102 – 406 microns
Recommended Dry Film Build	2.0 – 8.0 mils 51 – 203 microns

Additional Information

In-Service Temperature: 300°F (149°C)
Do not apply at temperatures below 50°F (10°C)
Protect from freezing

Footnotes

1. Due to the variability in plastic and fiberglass substrates, it's highly recommended to test adhesion on a small sample before application.
2. Excess film thickness will retard dry times and affect the recoat window.
3. No-mixing or improper mixing can result in performance issues and curing issues. QAP574LV, a lower viscosity version of QAP574, can be used when using plural mix equipment.
4. Use of a reducing solvent other than Q30 or TFS321-50 will increase VOC above 2.1 lbs./gal.

The technical data presented is information believed by PPG to be currently accurate; however, no guarantee of accuracy, comprehensiveness or performance is given or implied. Continuous improvements in coating technology may cause future technical data to vary from what is in this document. Product is intended for application by trained personnel in a factory or shop application. Do not attempt to use product without the current Safety Data Sheet. The performance of a product can fluctuate due to surface preparation technique, method of application, operating conditions, the material it is applied to or with, and use. It is strongly recommended that products be tested with respect to these factors prior to full scale use.

Rev. 05/17

Spectracron, PPG TrueFinish, Chemfos and the PPG logo are registered trademarks of PPG Industries, Inc. ©2017 PPG Industries, Inc. All Rights Reserved.



PPG TRUEFINISH® Industrial Coatings, One PPG Place Pittsburgh, PA 15272, 1.866.PPG.TRUE

