PPG QUICKLINE™

QB

WATERBORNE BASECOAT

Product Data Sheet

PPG QUICKLINE® QB Waterborne Basecoat is an easy to use waterborne basecoat designed for use in spot repairs or for overall use. This product offers high quality and productivity and dries quickly.

Compatible Products

Apply over:

- QP-5x00 Low VOC Urethane Primer Surfacer
- QS-3x00 Low VOC Urethane Primer Sealer
- DPLV Epoxy Primer Series (DP48LV, DP50LV, DP90LV)

Topcoat with:

- QC-4000 Low VOC Glamour Clear
- QC-9000 Low VOC Speed Clear

Substrate Preparation

- Wash all surfaces to be painted with car wash soap and water to remove water soluble contaminants, then apply the appropriate PPG ONECHOICE® surface cleaner. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.
- Abrade (wet) with P800–P1200-grade paper or abrade (dry) with P360-grade paper or finer.
- Wash off residue and dry thoroughly before re-cleaning with appropriate *OneChoice* surface cleaner. The use of a *OneChoice* tack rag is recommended.
- For plastic substrates, refer to product bulletin for *OneChoice* Plastic Adhesion Promoter before applying *Quickline* QB basecoat.

Application Guide

Mix ratio:

QB *Quickline* Basecoat	1 part
QR Basecoat thinner	10% by volume for solid color
	20% by volume for metallic/pearl color
	30% by volume for tinted mid-coat color

Thinners:

QR-2960 Standard thinner	60-90°F (15-32°C) 30-85% relative humidity
QR-2970 Slow thinner	85-100°F (29-37°C) low humidity 30% or lower

Pot Life:

- 3 months with thinner at 70ºF (21ºC).

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Spray Gun Set up and Pressure

Fluid tip	1.3-1.4 mm
Viscosity at 70ºF (21ºC)	23-28 seconds with a DIN4
HVLP at the air cap	10 psi
Compliant at the spray gun	29 psi

Application:

- 2-3 wet coats to achieve coverage with a control coat at reduced pressure (18-22 psi) for metallic control
- Solid colors require no control coat.

Drying Times

Dust-free, air dry	2-4 minutes at 70°F (21°C)
Tape time, air dry	10-15 minutes at 70°F (21°C)
Dry to handle air dry	15-20 minutes approximately
Dry to clear, air dry	20-30 minutes at 70°F (21°C)

Flash Off

Between coats, 10-15 minutes at 70°F (21°C) or until fully matt and dehydrated

Recoating

- After 24 hours, and additional coat of *Quickline* basecoat must be applied before reapplying the clearcoat.
- After 48 hours, *Quickline* basecoat must be cleaned, abraded with a fine scuff pad and then recleaned before reapplying the basecoat.

Clearcoating:

- Clearcoat only with QC-4000 Low VOC Glamour or QC-9000 Low VOC Speed clearcoats.

As a Wet Bed:

- Apply 1 medium light coat of QT-6964 Transparent Adjuster mixture reduced (25%) to the blend panel or entire repair panel and allow it to dry. Apply color once dry.

As a Color Blender:

- Using normal ready-for-use thinned basecoat simply extend into the prepared surrounding area using low pressure, with an arcing motion. QT-6964 Transparent Adjuster may be used to help RTS color fade into the prepared panel.

Performance Guidelines:

- Store in a cool dry place away from heat.

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Technical Data

RTS Information	QB : QR-2960/QR-2970 1: 0.10	QB : QR-2960/QR-2970 1: 0.20	QB : QR-2960/QR-2970 1: 0.30
Coating category	Color Coating	Color Coating	Color Coating
VOC actual (g/L)	58 - 92	54 - 86	52 - 81
VOC actual (lbs./U.S. gal.)	0.48 - 0.77	0.45 - 0.72	0.43 - 0.68
VOC regulatory (g/L) (less water less exempt)	283 - 371	277 - 375	271 - 380
VOC regulatory (lbs./U.S. gal.) (less water less exempt)	2.36 - 3.1	2.31 - 3.13	2.26 - 3.17
Density (g/L)	994 - 1170	994 - 1156	994 - 1144
Density (lbs./U.S. gal.)	8.29 - 9.76	8.29 - 9.65	8.29 - 9.55
Solids volume %	10.1 - 21.3	9.3 - 20.4	8.6 - 19.5
Solids weight %	11.8 - 33.5	10.8 - 31.9	10.03 - 30.5
Coverage at 1 mil at 100% transfer efficiency (sq. ft.)	162 - 342	149 - 327	138 - 313

Health and Safety

See Safety Data Sheet and Labels for additional safety information and handling instructions.

- The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and SDS of all the components, since the mixture will have the hazards of all its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls and/or lack of proper Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company policy, product SDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Store waterborne and solvent borne waste separately. A competent agent with appropriate certification must handle all hazardous waste. Waste must be disposed of in accordance with all federal, state, provincial and local laws and regulations
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS.
- Always observe all applicable precautions and follow good safety and hygiene practices.

Emergency Medical or Spill Control Information: (412) 434-4515; In Canada (514) 645-1320

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