

QC-4000

LOW VOC GLAMOUR CLEAR

Product Data Sheet



PPG QUICKLINE® QC-4000 Low VOC Glamour Clear is a polyurethane clearcoat designed to provide a smooth, hard, rich gloss finish and clarity with excellent buffability. QC-4000 Low VOC Glamour Clear offers ease of application and superior appearance as well as durability for a wide range of shop conditions.

Compatible Products



Apply over:

- QB PPG Quickline Basecoat

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 before and after application work.
- Abrade (wet) with U.S. 500-600 / European P800-P1200 grade paper or abrade (dry) with U.S. 400-500 / European P600-P800 grade paper.
- 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.

Application Guide



Mix ratio:

QC-4000 Low VOC Glamour Clearcoat	3 parts
QH-4x00 Low VOC Glamour Clear Hardener	1 part
QR-29x0 Low VOC Compliant Reducer	½ part

Reducers:

QR-2900 Low VOC Fast Reducer	60-70°F (15-21°C)
QR-2910 Low VOC Medium Reducer	65-75°F (18-24°C)
QR-2920 Low VOC Slow Reducer	75-85°F (24-29°C)

Hardeners:

QH-4100 Low VOC Glamour Hardener	60-75°F (15-24°C)
QH-4200 Low VOC Glamour Hardener - Slow	75-85°F (24-29°C)



Pot Life:

- 3-4 hours at 70°F (21°C)



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Spray Gun Set up and Pressure

Fluid tip	1.3-1.5 mm
HVLP at the cap	10 psi
Compliant at the spray gun	29 psi

For best overall results, refer to the spray gun manufacturer's recommendations for optimum inlet air pressures.



Application:

- 2 wet coats with at least 10 minutes between coats
- 2.6 mils maximum suggested dry film build



Drying Times

Dust-free	45-60 minutes at 70°F (21°C)
Tape time	75-120 minutes at 70°F (21°C)
Air dry	60 minutes at 70°F (21°C)
Force dry	30 minutes at 140°F (60°C)

Flash Off

Between coats, 10 minutes minimum at 70°F (21°C)



Recoating

- After 48 hours, QC-4000 Low VOC Clearcoat must be cleaned, abraded and re-cleaned before reapplying the clearcoat.

Note: all force dry times are quoted for metal temperature. Additional time must be allowed during force dry to allow metal to reach recommended temperature.

Performance Guidelines

- Store in a cool dry place away from heat.



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Technical Data

RTS Information	QC-4000 : QH-4100/QH-4200 : QR-2900/QR-2910/QR-2920
Mixing Ratio	3: 1: ½
Coating Category	Clear Coating
VOC actual (g/L)	132
VOC actual (lbs./U.S. gal.)	1.11
VOC regulatory (g/L) (less water less exempt)	246
VOC regulatory (lbs./U.S. gal.) (less water less exempt)	2.05
Density (g/L)	1135
Density (lbs./U.S. gal.)	9.47
Solids volume %	38.6
Solids weight %	61.3
Coverage at 1 mil at 100% transfer efficiency (sq. ft.)	619

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 in 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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 WARNING: Certain products listed may contain chemicals known to the State of California to cause cancer and/or reproductive harm. For more information go to P65Warnings.ca.gov.

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