

QS-3x00

LOW VOC URETHANE SEALER

Product Data Sheet



PPG QUICKLINE® QS-3x00 Low VOC Urethane Sealers are fast drying, two component, sealers designed for today's automotive collision centers. They are available in white QS-3400, gray QS-3500, and dark gray QS-3600.

Compatible Products



Apply over:

- Cleaned sanded and etch primed steel, galvanized and aluminum.
- Sanded and cleaned body filler, SMC and gel-coated fiberglass.
- Properly cleaned and sanded E-coat.
- Cleaned, cured and sanded OEM and refinish coatings.
- Polyester Primer Filler.
- QP-5100/QP5200/QP5300 Low VOC Primer Surfacer
- DPLV Epoxy Primer Series (DP48LV, DP50LV, DP90LV).
- SX2071 Etch Primer.
- OneChoice® Plastic Adhesion promoter.

Topcoat with:

- 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 cleaner. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.
- Abrade (wet) with P800–1200 grade paper or abrade (dry) with P600-800 grade paper.
- Wash off residue and dry thoroughly before re-cleaning with appropriate OneChoice surface cleaner. The use of a OneChoice tack is recommended.
- For plastic substrates, refer to product bulletin for OneChoice Plastic Adhesion Promoter.

Application Guide



Mix ratio:

QS-3x00 Low VOC Primer Sealer	4 parts
QH-3800 Multi-Purpose Primer Hardener	1 part
QR-2900/2910/2920 Low VOC Compliant Reducers	1 part

Reducers:

QR-2900 Low VOC Fast Reducer	60-70°F (18-24°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)

Additives:

SLV814 Flexible Additive	10% to a RTS Quart
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Pot Life:

- 1 hour at 70°F (21°C)



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Spray Gun Set up and Pressure

Fluid tip	1.3-1.6 mm
HVLP at the air cap	8-10 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

- 1 medium wet coat



Drying Times

Air dry to apply basecoat	15 minutes at 70°F (21°C)
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Recoating

- After 72 hours, QS-3x00 Low VOC Urethane Sealer must be abraded and resealed before applying basecoat.

Performance Guidelines

- Store in a cool dry place away from the heat.



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Technical Data

RTS Information	QS-3x00:QH-3800:QR-29x0	QS-3x00:QH-3800:QR-29x0:SLV814
Mixing Ratio	4: 1: 1	4 :1: 1: 10%
Coating category	Primer Sealer	Primer Sealer Flexed
VOC actual (g/L)	132-138	125-129
VOC actual (lbs./U.S. gal.)	1.10-1.15	1.04-1.08
VOC regulatory (g/L) (less water less exempt)	235 – 250	228 – 243
VOC regulatory (lbs./U.S. gal.) (less water less exempt)	1.96 – 2.09	1.90 – 2.03
Density (g/L)	1391-1432	1377-1401
Density (lbs./U.S. gal.)	11.61-11.95	11.49-11.69
Solids volume %	43.3-45.0	45.2-46.7
Solids weight %	48.1 – 52.5	46.3 – 50.4
Coverage at 1 mil at 100% transfer efficiency (sq. ft.)	619 – 646	600 – 640

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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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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