



WORLD CLASS™ ACRYLIC PRIMER SURFACER

TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

DESCRIPTION

World Class™ Acrylic Primer Surfacer is a compliant coating for quick and easy priming of spots or complete panels.

FEATURES

- 2.1 VOC compliant
- Excellent filling properties
- Sands quickly
- Good color holdout
- Excellent adhesion
- Available in gallons and quarts

SUITABLE SUBSTRATES

- Sanded OEM finish
- Fully cured etch primer
- Body filler
- Polyester putty
- Bare metal¹
- Aluminum
- SMC
- Fiberglass

Note:¹

For maximum corrosion protection, prime large areas of bare metal with an etch/wash primer or treat with metal conditioner.

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
50101	World Class Acrylic Primer Surfacer	Neutral Gray	Gallon
50104	World Class Acrylic Primer Surfacer	Neutral Gray	Quart



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RTS viscosity:	17 – 20 sec in #2 Zahn
RTS weight solids:	25.4%
RTS volume solids:	13.2%
RTS VOC:	Max 2.10 #/gal (252 g/l)
Pot life at 70°F (21°C) and 50% RH:	Unlimited
Air dry time (to sand):	30 minutes

HANDLING AND APPLICATION

PREPARATION:

Sand all surfaces to be primed with 180 – 320 grit sand paper. After sanding, clean surface to be primed with **SEM Solve** or **XXX Universal Surface Cleaner**. On Fiberglass and SMC surfaces, pay attention to not saturate any exposed fibers.

MIXING:

Shake or stir thoroughly. Mix by volume:

1 Part	1 Part
Acrylic Primer Surfacer	High quality urethane reducer

APPLICATION:

Set air pressure to:	8 – 10 psi at the cap for HVLP equipment
	35 – 55 psi for non-HVLP

Note:

Use a gun equipped with a 1.4 fluid nozzle. Do not use on uncured 2K or enamel paint systems as wrinkling may occur.

1. Spray one medium-wet coat keeping the gun 5 – 7" from the substrate. Allow to flash dry, approximately 3 – 5 minutes.
2. Spray subsequent coats allowing full flash.
3. Allow to dry for 30 minutes prior to sanding.

CLEANUP:

Use **XXX Universal Gun Cleaner** or appropriate cleaning materials compliant with VOC regulations in your area.

STORAGE:

World Class™ Acrylic Primer Surfacer should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **World Class Acrylic Primer Surfacer** is 5 years when stored under normal conditions.



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RELATED PRODUCTS:

Part:	Product Name:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
77763	XXX Universal Gun Cleaner	20 oz. Aerosol
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart

Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

Disclaimer:

The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed. All users of the materials are responsible for assuring that it is suitable for their needs, environment and use. All data subject to change as SEM deems appropriate.

Users should review the Safety Data Sheet (SDS) and product label for the material to determine possible health hazards, appropriate engineering controls and precautions to be observed in using the material. Copies of the SDS and product label are available upon request.