



1K SEAM SEALER

TECHNICAL DATA SHEET



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

DESCRIPTION

1K Seam Sealer is a versatile, single-component sealer for sealing interior or exterior seams, joints and voids.

FEATURES

- OEM recommended
- Direct to metal
- Paintable immediately with most solvent-based coatings
- Remains flexible without shrinking or cracking
- Colors match many OEM sealers
- Optimal working time
- Corrosion resistant
- Resistance weldable
- Excellent adhesion

SUITABLE SUBSTRATES

- Properly prepped primed or painted surfaces
- Bare steel and aluminum

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
29362	1K Seam Sealer	White	10.1 oz tube
29372	1K Seam Sealer	Gray	10.1 oz tube
29382	1K Seam Sealer	Beige	10.1 oz tube
29392	1K Seam Sealer	Black	10.1 oz tube

Working time:	5 – 10 minutes @ 70°F (21°C)
Set time:	20 – 30 minutes @ 70°F (21°C)
Paint time (solvent):	0 – 24 hours @ 70°F (21°C)
Paint time (waterborne):	1 hour @ 70°F (21°C)
Cure time:	4mm/24 hours @ 70°F (21°C)

HANDLING AND APPLICATION

PREPARATION:

Note:

Prior to applying **1K Seam Sealer**, metal temperature should be 70°F (21°C) for at least one hour.



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1. Clean joints and seams thoroughly with **SEM Solve** or **XXX Universal Surface Cleaner**.
2. Sand surface with P180 grit sand paper. For properly prepped, primed or painted surfaces, a red scuff pad can be used.
3. Blow off and re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.
4. Tack clean to remove lint and dust.
5. Place cartridge into **29342 1K Pneumatic Applicator** or standard caulking gun. Cut the top of the threaded neck off and puncture the foil liner. Screw on tip and cut to desired bead size.

APPLICATION:

1. Apply **1K Seam Sealer** into joint or seam. Work in or finish with a gloved finger, acid brush, putty knife, or spreader.
2. While product is still wet, remove excess by wiping with a small amount of solvent compliant with the VOC regulations in your area.
3. **1K Seam Sealer** can be painted immediately with most solvent-based coatings, or up to 24 hours without scuffing. If in doubt, scuff with a gray pad prior to painting.

Note:

1K Seam Sealer should not be used directly over acid based self-etching primers or vice versa. This application procedure can cause cracking and blistering of the undercoat and top coat.

1K Seam Sealer is paintable immediately with most solvent-based coatings, however, always test for compatibility.

STORAGE:

1K Seam Sealer should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **1K Seam Sealer** is 18 months when stored under ideal conditions.

RELATED PRODUCTS:

Part:	Product Name:	Size:
29342	1K Pneumatic Applicator	Each
29352	1K Seam Sealer Nozzle	15 pk
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart
29433	Seam Sealer Gun Cleaner	20 oz. Aerosol



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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.