

DESCRIPTION

Copperweld Primer is a weld-through primer for superior corrosion protection between welded substrates.

FEATURES

- Copper and zinc enriched
- Exceptional conductivity
- Minimizes the heat zone
- Reduces distortion and splatter
- Superior corrosion protection
- Fast drying

SUITABLE SUBSTRATES

- Bare Metal

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
40783	Copperweld Primer	Gold	Aerosol
40786	Brushable Copperweld Primer	Gold	8 oz. Can
		40783	40786
Density:		886 g/L	1368 g/L
Regulatory VOC:		544 g/L	545 g/L
Actual VOC:		320 g/L	448.7 g/L
MIR:		< .98	
Category:		WTP	

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

HANDLING AND APPLICATION

PREPARATION:

1. Clean surface with **SEM Solve**.
2. Sand with 80 grit paper. Surface must be bare metal.
3. Blow off dust and re-clean with **SEM Solve**.



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MIXING:

Shake can vigorously for one minute after mixing ball begins to rattle to ensure color uniformity and to prevent clogging. For best results, use only when can temperature is approximately 70°F (21°C).

APPLICATION:

	40783	40786
Coats:	2 medium wet coats to both surfaces	1-2 light coats
Flash Time between Coats:	3-5 minutes	3-5 minutes

Coating must be dry prior to welding (approximately 20 minutes).

Note:

Remove any excess **Copperweld Primer** prior to applying any filler, otherwise lifting will occur.

40783 Notes:

If clogging develops, remove spray button with a twisting motion and clean with **XXX Gun Cleaner** or material compliant with VOC regulations in your area. Do not stick pin or other object into can. Gently replace spray button with top of can and spray button pointed away from you.

After each use, turn can upside down and spray several seconds to clear spray tip.

STORAGE:

Copperweld Primer should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **40783** is 18 months and the shelf life for **40786** is 1 year when stored under normal conditions.

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
77743	XXX 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.