



40783 COPPERWELD WELD-THRU PRIMER

TECHNICAL DATA SHEET

Description

40783 COPPERWELD WELD-THRU PRIMER is designed to eliminate the corrosion that forms between welded substrates. **40783** has excellent adhesion and the copper enriched formula provides superior conductive properties that minimize the heat zone, thereby reducing distortion and welding splatter.

Features

- Exceptional weldability
- Great sprayability
- Fast drying
- Superior corrosion protection
- Excellent adhesion to bare metal

Typical Properties

Container	20 oz aerosol
Color	Gold
Flash point	<1°F (<-17°C)
Density	7.38 #/gl (886.0 g/l)
VOC	2.59 #/gl (311.0 g/l)
MIR	< .98

Handling and Application

PREPARATION:



1. Clean surface with **3837() SEM SOLVE**.
2. Sand with 80 grit paper. Surface must be bare metal.
3. Blow off dust and re-clean with **3837()**.

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:



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

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

NOTE: Remove any excess **40783** prior to applying any plastic filler, otherwise lifting will occur.

NOTE: If clogging develops, remove spray button with a twisting motion and clean with 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.

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

STORAGE:



40783 COPPERWELD WELD-THRU 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 when stored under normal conditions.

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 Material Safety Data Sheet (MSDS) 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 MSDS and product label are available upon request.

SEM Products, Inc.
1685 Overview Dr. Rock Hill SC 29730
Tel: 800/ 831-1122
www.semproducts.com