

DESCRIPTION

Quick Set 180 is a two-component, general purpose, black, urethane adhesive with a three minute working time designed for repair and bonding of most small to medium plastic, steel, aluminum, glass, SMC and fiberglass parts.

FEATURES

- **DUAL-MIX™** Forever Warranty
- High strength and sandable
- Bonds multiple substrates
- Non-sag formula
- Extended three minute working time

SUITABLE SUBSTRATES

- Plastic
- Steel
- Aluminum
- Glass
- SMC
- Fiberglass

TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
41807	Quick Set 180	Black	7 oz. Cartridge
Working time:	3 minutes at 70°F (21°C)		
Set time:	30 minutes at 70°F (21°C)		
Cure time:	24 hours at 70°F (21°C)		
Sand time (optimal):	90 minutes at 70°F (21°C)		
Lap shear at 70°F (21°C) (psi) on steel:	2400+ ASTM D 1002		

HANDLING AND APPLICATION

PREPARATION:

FOR PLASTIC:

1. Clean with **Scuff & Clean** and rinse with water.
2. Clean with **Plastic & Leather Prep** or **XXX Universal Surface Cleaner**.



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

- Sand area to be repaired with 24 – 36 grit paper and blow off dust.

Note:

For application on TPO, EPDM, PP and other similar thermoplastics, use **Plastic Adhesion Promoter** or **XXX Adhesion Promoter** per instructions.

FOR METAL:

- Clean with **SEM Solve** or **XXX Universal Surface Cleaner**.
- Sand with 80 grit paper and blow off dust.
- Re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

MIXING:

Place cartridge into the **Universal Manual Applicator**. To remove cap, insert flat head screwdriver into slot and pry upward.

Note:

Prior to installing **static mixer**, equalize cartridge by dispensing product until both parts flow equally. Install **static mixer**. Cut tip to desired application size. Hold gun upright until product is dispensed into mixer. Dispense a test bead to ensure proper mix. For cap replacement, match circles and square, then snap back into place.

STATIC MIXERS:

Part:	Product Name:	For:	Container:
70011	Integral Nut Square Static Mixers	7 oz. Cartridge	6 Pack
70012	Integral Nut Square Static Mixers	7 oz. Cartridge	50 Pack

APPLICATION:

GENERAL PURPOSE BONDING:

- Prepare surface as outlined in Preparation section.
- Dry fit parts to ensure proper alignment.
- For impact strips and side moldings, mask both sides of the surface where adhesive is to be applied.

Note:

Do not allow **Quick Set 180** to flow over masked area or onto painted surface.

- Apply **Quick Set 180** to either surface.
- Quickly bond the two surfaces. Hold or clamp together until set.

FOR TAB REPAIR USING PLASTIC REPAIR CONTOURING TAPE:

- Prepare surface as outlined in Preparation section.
- For badly torn damage, drill 1/8" holes approximately 1/2" apart into the repair area. This will help lock the repair material in place.
- Cut a piece of **Plastic Repair Contouring Tape** twice the length of the repair.



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4. Dispense **Quick Set 180** onto **Plastic Repair Contouring Tape**. Quickly apply both to the repair area and mold into shape using your hands or a spreader.
5. Allow the repair material to set for 30 minutes before removing the plastic film.
6. Sand with 80 – 180 grit paper to desired shape and drill as needed.

Note:

Exposed, tooled material left to dry may develop a textured appearance, especially in higher humidity climates. This will not affect product performance.

CAUTION:

Quick Set 180 can get hot while curing.

STORAGE:

Quick Set 180 should be stored in a cool, dry place with adequate ventilation away from heat, sparks and flames. The shelf life for **Quick Set 180** is 1 year when stored under optimal conditions.

RELATED PRODUCTS

Part:	Product Name:	Size:
38351	Plastic & Leather Prep	Gallon
38353	Plastic & Leather Prep	16 oz. Aerosol
38354	Plastic & Leather Prep	Cone Quart
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5 Gallon
38391	Scuff & Clean	Gallon
38398	Scuff & Clean	16 oz. Tube
39861	Plastic Adhesion Promoter	Gallon
39863	Plastic Adhesion Promoter	20 oz. Aerosol
39864	Plastic Adhesion Promoter	Cone Quart
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart
70007	Plastic Repair Contouring Tape	15' Roll
70011	Integral Nut Square Static Mixers	6 Pack
70012	Integral Nut Square Static Mixers	50 Pack
71119	Universal Manual Applicator	1 Each
77721	XXX Adhesion Promoter	Gallon
77723	XXX Adhesion Promoter	16 oz. Aerosol



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77724

XXX Adhesion Promoter

Cone 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.