

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 |
| 77724 | XXX Adhesion Promoter | Cone Quart |