

PRODUCT HIGHLIGHTS

1478

Plasto-Mend Rigid Plastic Repair

DESCRIPTION:

Plasto-Mend Rigid Plastic Repair, #1478, is a high strength, epoxy-based, adhesive designed to work on all rigid substrates such as PC, SMC, BMC, and fiberglass. It can be used to bond plastic to: plastic, steel, aluminum, and other rigid substrates. Most common repairs include: rejoining cracked or broken panels, sectioning rigid parts, or as a filler material for repairing cracks, holes, and gouges.

PRODUCTS:

1478 Plasto-Mend Universal Plastic Repair, 7 fl. oz. (200 ml) cartridge, 6/case



SURFACE PREP:

Depending on surface, see surface preparation for sanding recommendations.
Clean with Aqua SCAT 2 (TDS225).



MIX RATIO:

1 part filler to 1 part activator



DRY TO SAND TIMES:

20 minutes @ 72°F (22°C)



SANDING:

DA (Dry): #80, 180, finish #240 - 320

*See next page for more detailed product application. See website for this document in other languages.
Vea la página siguiente para un uso más detallado del producto. Vea el Web site para este documento en español.
Voir la prochaine page pour une application plus détaillée de produit. Voir le site Web pour ce document en français.*

PRODUCT DATA

1478

Plasto-Mend Rigid Plastic Repair

SUITABLE SUBSTRATES:

Rigid plastics including: polycarbonates (PC), sheet-molded composite (SMC), BMC, and fiberglass.

SURFACE PREPARATION:

Prepare surface with 80 grit sandpaper. Clean out any gouges, deformations, loose or protruding material. With a lint-free cloth clean the repair area using Aqua SCAT 2 (TDS225), dry thoroughly. Apply one (1) coat of Plasto-Mend TPO Adhesion Promoter (TDS100) to the repair area and allow to dry a minimum of 20 minutes.



APPLICATION & MIXING:

MIXING: Remove tip of 200ml package by bending the attached cap back and forth until broken. Insert into Easy Mix Dual Cartridge Dispenser Gun (#4450) or other dual cartridge dispenser gun and attach a static mixer with the tip cut off. Dispense one static mixer length of material to equalize the mixer.

APPLICATION: For repairs through a substrate or ripped substrate, prepare the back of the substrate with 80 grit sand paper. With a lint-free cloth clean the repair area using Aqua SCAT 2 (TDS225), dry thoroughly. Apply one (1) coat of Plasto-Mend TPO Adhesion Promoter (TDS100) to the repair area and allow to dry a minimum of 20 minutes. Smooth a piece of Plastic Repair Tape (TDS107) onto the back repair area. Apply one smoothed coat of #1478 over the Plastic Repair Tape. Let cure 20 minutes.

Apply #1478 to the prepared repair area to fill the repair depth and outward 2" - 4" from the repair. Smooth with an application spreader leveling away from the center of the repair and smoothing to a taper on the substrate. Smooth across the repair and remove excess material.

FINISHING: After 20 minutes cure time, sand #1478 smooth with 180 grit sanding paper and finish with 220 grit or 320 grit sanding paper. Clean surface before priming. With a lint-free cloth clean the repair area using Aqua SCAT 2 (TDS225), dry thoroughly. Apply one (1) coat of Plasto-Mend TPO Adhesion Promoter (TDS100) to any bare plastic and allow to dry a minimum of 20 minutes. Prime with Transtar Hydroflex Waterborne Primer (TDS202) or Transtar Hydroflex Super Hi Build Waterborne Primer (TDS201).

TECHNICAL DATA:

APPEARANCE:	Black
% SOLIDS:	100%
MIX RATIO:	1:1
OPEN/WORK TIME:	5 minutes @ 72°F (22°C)
SANDABLE:	20 minutes @ 72°F (22°C)
DECLAMP TIME:	5 minutes @ 72°F (22°C)
FULL CURE TIME:	24 hours
SHELF LIFE:	1 year (unopened)

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1478

Plasto-Mend Rigid Plastic Repair

REGULATORY:

VOC: 0.00#/gal (0g/l)

DRY TIMES:

Work Time 5 minutes
Tack free 15 minutes
To sand 20 minutes
Paintable 30 minutes

COMPETITION:

Dominion XE, XRFNTR, XRF
SEM 39747
3M 05885
KENT 10611

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