



Typical Pliogrip Shop Questions

General questions

1. Do you need to change the plungers on the manual gun?
A. No, the gun is pre set for a 2:1 and 1:1 cartridges
2. Can I use a competitor mixer on PGV cartridges?
A. No, the mixer is designed for the proper mix of the product so you have a quality repair.
3. What is the shelf life of the products?
A. All two components adhesive are two years. Foams and single components have a one year shelf life
4. How do I know how old the product is?
A. On the back of the cartridge is a use by date
5. How long is the shelf life after I opened the cartridge?
A. Does not change.
6. What's the best way to store the cartridge after use?
A. Leave the mixer on the tube
7. What is work time?
A. The amount of time after you dispense the adhesive to get the part mated or spread out
8. Why is it important to level the plungers and dispense out a two inch bead?
A. Leveling the plungers equalizes the product so one side does not enter the mixer first and making it difficult to get a good mix. Running out a 2 inch bead assures that the product is properly mixed before applying it to the surface

Plastic /Bumper repair

1. What product do I need to repair a bumper
A. Plastic repair 1, 3, 10 and adhesion promoter. The only difference is the work time that meets your needs
2. Why do I need the Adhesion promoter on all plastics?
A. It takes the guess work out of what plastic you are working with. TPO, PP, TEO require Adhesion promoter, PUR does not, But will not hurt.
3. Is it best to clean the bumper after you sanded it?
A. No, you can clean the damage before you sand it, but after it is sanded blow off with clean dry air. Cleaning after sanding could soften the plastic or contaminate it.
4. Can I use plastic repair for bonding plastic?
A. Yes,

5. Can I use a mixer with Finishing Cream
 - A. No, this product was made to be mixed with a spreader like body filler. If a mixer is used, it results in soft areas
6. Do I need adhesion promoter when using Finishing Cream?
 - A. No it is not required, but will not hurt.
7. Can I put body filler over top of the Finishing Cream?
 - A. No, The polyester filler will not cure where it touches the Finishing Cream, resulting with bubbles
8. I used Body filler over Plastic Repair 1,3,10 and it blistered after paint why?
 - A. Polyesters have a reaction with all urethanes and will not adhere causing a blister. Remove and use Finishing Cream
9. Why should I use Finishing Cream when glazing is working fine.
 - A. Polyester is made for metal not plastic. They will micro crack easily and pop of. Finishing Cream is made for plastic and it adheres to it.
10. Will Finishing Cream go over the painted surface of the bumper?
 - A. Yes, 180 grit scuff the paint and spread out onto the paint
11. What grit do you finish off Finishing Cream.?
 - A. 180 grit or finer. Can be wet sanded if needed
12. Can Finishing Cream go over Plastic Repair 1,3,10?
 - A. Yes, it is meant to be a skim coat over Plastic Repair 1,3,10
13. How thick can you use Finishing Cream?
 - A. 1/8" thick
14. Can I use Plastic Repair 1, 3 for bumper tabs?
 - A. Yes
15. If the backing material starts to cure before I get to the front side, can I continue fill the damage?
 - A. No, if the material starts to cure, stop, allow setting 15 minutes. Scuff the shiny surface and reapply adhesion promoter, then apply adhesive.

Metal Bonding

1. Do I need to remove the e-coat from the new door skin?
 - A. No, scuff the e-coat with a scuff pad dulling the finish. Remove all old adhesive from door shell
2. Do I need to weld any of the panels?
 - A. No , we do not require welding and have tested to this on secondary panels, But if the OEM manufacture requires some welding follow their recommendation
 - B. What if OEM does not recommend metal bonding. Always check and use OEM recommendations.
3. Can I bond the beside of a truck?

- A. Yes, as long as it is only the outer bed skin. If the inner skin is attached to the outer skin and is attached to the floor of the bed. This is considered structural and needs to be welded. Also it is recommended when bonding a outer skin only to weld the tailgate and front plate area
4. Does Pliogrip have corrosion resistance properties?
- A. Yes, Pliogrip has a life time corrosion resistant warranty
5. Is it best to run out a bead and mate the panels or smooth out then mate?
- A. Smooth out covering all bare metal. If you run a bead and mate, there is no guarantee the adhesive squeezed where it needs to go and leave opened bare steel
6. Why do I need to bond to bare steel?
- A. If you bond to the e-coat and the e-coat fails in a collision you bond fails. Also you need remove the galvanizing. If you don't remove all the galvanizing the zinc that is exposed will inhibit the cure of adhesives and cause failure. It is best to grind until sparks start coming off the grinding disc. This means you are getting into the tinning of the steel.
7. Can the squeeze out of panel 60 be used as a seam sealer?
- A. Yes, it can be spread out or brushed and cure at the same time the panel is. This eliminates removing excess adhesive, priming, seam sealing and paint again.
8. Can I bond the sail panel?
- A. Yes. Pre bevel the new sail panel area so it has a smooth transition at pre fit stage. Use a fiber filled filler first and finished out with conventional filer last.
9. Can I use a flange joint or use the recessed area of a door handle?
- A. No, you cannot bevel the rolled flange joint and will result in a ghost line.
10. Can I bond a structural area
- A. No, Only outer secondary panel (Door skins, quarter, roof and rear body panels)
11. Can I use Panel 60 for aluminum panels?
- A. Yes, grind with 36 grit and bond within 30 minutes. Aluminum oxidizes and creates a barrier.
12. Can I use Panel 60 for SMC or Fiberglass bonding?
- A. Yes, you can bond SMC and Fiberglass to itself or cross bond. You can also bond SMC and Fiberglass to Bare steel or primed metal.
13. Panel 60 takes too long to cure for door skins. What else can I use?
- A. Plastic Panel 15 or 35 can be used for door skin bonding.
14. If I put screws into the panel, how do I finish those areas?
- A. Remove the screw and recess the hole with a punch and fill with a fiber filled Body filler
15. Can I speed up the cure of Panel 60 or 90?
- A. Yes. Apply 180°F for 10-15 minutes and let cool down
16. Can you compression spot weld through Panel 60?
- A. Yes, you can weld through wet or cured
17. What if I want to mig- weld/ bond
- A. It is best to pre drill you holes, center 1 inch tape over the holes, Apply your Panel 60/90 and spread out. Pull the tape off and mate. This should eliminate the adhesive from contaminating the weld area.

18. What happens if I separated the panels after I set in place
 - A. Stop and remove the panel and the adhesive, the start over. If you need to adjust the panel slide against each other
19. Will Body filler stick to Panel 60
 - A. Yes, but it is best to remove as much as you can. If there is a little present it will not hurt
20. Does Panel 60 meet GM6449G spec
 - A. Yes
21. What if I need to remove the panel?
 - A. Heat the bond area to 300-350°F and start to separate with chisel
22. Where is 5770 Impact toughened adhesive used
 - A. Strut towers, Frame rails or where ever it is called out by OEM
23. What vehicles are using it
 - A. 2014 Chevy Camaro, Cadillac CTS Chevy truck beds
24. Can it be used on Aluminum
 - A. Yes and also Steel. Oem recommends Resistant welding along with steel and rivet bonding on aluminum application. Always follow OEM recommendations
25. Can it be used on on other GM applications under the GM6449G specifications
 - A. GM says yes, But may not be as cost effective as Panel 60

SMC/Fiberglass bonding and repair

1. What to bond SMC/Fiberglass panels?
 - A. Plastic 15 or 35
2. Do I need to prime the metal
 - A. Yes, it is best to epoxy prime the metal
3. Is this the same OEM adhesive used on Corvette and others
 - A. Yes.
4. What prep is need for the panel
 - A. 80 grit scuff and blow off with clean dry air
5. Will the SMC repair sag on a vertical panel
 - A. No, it has sag resistance and will hold on the panel
6. Can I use Body filler over SMC repair
 - A. Yes as long as it is not to thick, It is always better to use Finishing Cream as your final finish
7. Do I need to use fiberglass cloth is the repair area?
 - A. Yes, SMC is made up of fiber reinforcement. You need to make the repair area fiber rich to help expansion and contraction.
8. Do you need to heat cure SMC repair?
 - A. It is best to heat cure to 180°F. This makes sure the repair area has been taken above the temperature of the paint both and the heat from the sun. This will make sure all the shrinkage is out before painting.
9. Can I use Plastic panel 15-35 for crack repairs?
 - A. No, these are only for bonding new panels. They are a urethane and can expand or contract causing a bull's eye. Even if you use a body filler overtop

10. Can I use SMC repair to bond new panels?

A. Yes

Seam Sealing

1. Do I need to prime the bare metal?

A. Yes,

2. What's the difference between Non sag 6 and High Body 12

A. High body 12 has more gap filling properties. Mostly it is the work time that meets your needs

3. Will controlled flow work in a vertical panel

A. In most cases no. It will move slowly

4. What's the best way to keep air out of the self leveling seam sealer

A. Dispense some material out the mixer then set the end of the tip end against the floor. Start squeezing the trigger forcing the air out of the mixer. Pick up the tip and dispense some adhesive out. Start applying from the back working toward the front keeping the tip in the puddle. Don't be above the puddle as the material may roll on top causing air bubbles.

5. How much air pressure is need for Spray able seam sealer

A. Use a regulator at about 30psi. This will control the over spray

6. How do keep the spray from popping while spaying

A. Cut the tip, place rag over the top. Bang the bottom against a solid surface. This will pack the material limiting the amount of popping

7. When can I paint the DTM 20 seam sealer?

A. Both can be painted immediately. The DTM 20 has a 7 day open window

8. What is the best way to spread out the DTM 20 if I want a smooth seam?

A. Soap and water, The soap lubricates the finger and the water will speed up the cure

9. Will the DTM 20 hold brush marks?

A. Yes

10. What is the shelf life of the single components

A. 1 year

11. If I create a tape seam with the non sag 6 or 12 will the sealer string when I lift the tape?

A. No. Clean lines as you pull up the tape

12. DTM 5 , 15. Can it be used over acid etch primer

A. No. will not have good adhesion

13. Can DTM 5/15 be used over epoxy or ecoat

A. Yes, Red scuff pad the surface

Foams

1. What is the best way to do an intrusion beam?

- A. Place some 3 inch on the bottom of the intrusion beam, dispense the foam to top side of the beam. The tape will control the bead from flowing past the beam.
- 2. How do I save the foam from blowing out the plungers?
- A. Keep plunger pressure and remove mixer
- 3. I can't get the foam in the roof bows when I replace a roof skin, what do I use?
- 4. It is best to use the DTM 20 and put gum drops across. This will not shrink and allows you set the roof skin down after the DTM 20 is in place
- 5. Can I reuse the old foam if not damaged?
- A. Use the DTM 20 or Plastic Repair 1 to bond it back in place

