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## Master All-Clear Cement Directions

Master All-Clear Cement is a special blend of adhesives which make it easy to bond leather, rubber, crepe, polyurethane, thermal plastic rubber, and thermal plastic polyurethane. This is a simple direction sheet to explain how easy it is to bond these materials. Regular neoprene based contact cements mostly bond leather, rubber, and crepe. Many repair shops have turned to super glues to bond the materials that regular contact cements will not hold.

One gallon of Master All-Clear All-Purpose Cement will easily save you up to \$80 worth of super glue. Super glue is fine for small jobs. But let's face it, it is expensive, the fumes burn your eyes, and if it gets on the upper of the shoe it is very difficult to remove. Here is an easy step-by-step guide for each material that can be bonded with Master All-Clear All-Purpose Cement.

### **1. Leather soles:**

Glue with Master All-Clear the same way as any other contact cement.

### **2. Rubber soles:**

Glue with Master All-Clear the same way as any other contact cement.

### **3. EVA (crepe material):**

Glue with Master All-Clear the same way as any other contact cement.

**4. Polyurethane:** Polyurethane is what we call an open cell material. What that means is it will soak up water like a sponge. Polyurethane sands like crepe but kind of has an oily feel to it. It does not melt when you sand it. This sole comes on most comfort shoes today instead of crepe. It also comes on many work boots. Using Master All-Clear, you can bond any material you want to polyurethane, such as crepe, rubber or even leather if you wish. You're going to love how easy this is.

**A.** Sand polyurethane down to your desired level.

**B.** Apply Master All-Clear Cement to the polyurethane and also apply it to your crepe or rubber replacement sole.

**B-1.** Sometimes if you have dense polyurethane you will need the Renia primer for Pur. Add this primer & then the all clear glue right away. No waiting.

**C.** Let dry as you normally would for 10 to 15 minutes, then stick together just as if you're bonding any other normal job. It's as easy as that!

No heat or double coats.

### **5. Thermal Plastic Rubber:**

Thermal plastic rubber, also known as TR, is on many shoes that are sold today. The best way to tell TR is to put a little thinner on your finger and rub it on the bottom of the sole. If some color comes off on your finger and leaves a shiny spot on the sole, then it is TR. TR does not melt when you sand it but sands off kind of grainy. Most people who try to bond this material do 1 of 3 things: 1) Super glue the sole to the shoe; 2) Put super glue on the sanded shoes then cover with contact cement; 3) Regular contact cement, but then it peels off.

Master All-Clear Cement will bond Thermal Plastic Rubber so tightly that you will think you used super glue, but when you bend it you will not hear cracking. When you put the Master All Clear on the thermal plastic sole a chemical reaction takes place. The special solvents & adhesives in the Master All Clear start to work like no other cement can on the thermal plastic. The only difference is that you have to let the TR dry 20 minutes after the cement is applied.



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Here are the steps for bonding Thermal Plastic Rubber (TR):

1. Sand bottom of shoe to desired level.
2. Apply Master All Clear to the thermal plastic sole & the material desired to replace the original sole.
3. Let both the shoe & the replacement material dry at least 20 minutes.
4. Now press together.

It's just that easy! You can also use this method to replace just the heel of the shoe as well. There is still one more type of material out there you will start seeing in future. It is TRPU - thermal plastic polyurethane.

### **6. Thermal Plastic Polyurethane:**

This material looks just like plain polyurethane, but when you sand you will see it melt a little bit. This is because they have added thermal plastic to the polyurethane to make it last longer. To bond to this, use the same method as bonding a thermal plastic sole.

1. Sand the shoe to desired level.
2. Glue the shoe & the replacement material with Master All Clear.
3. Let dry 20 minutes.
4. Press material together.

It's just that simple! Remember the thermal plastic in the polyurethane has to harden back up after the glue is applied. So be sure to wait minutes! Using the Master All Clear cement will save you hundreds dollars a year in super glue.

**Jim McFarland**  
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