How to fix a cheap table with epoxy

What You Will Need

Cheap Table

Orbital Sander

Bondo

Mixing Container

Denatured Alcohol

Primer

Metallic Pigments

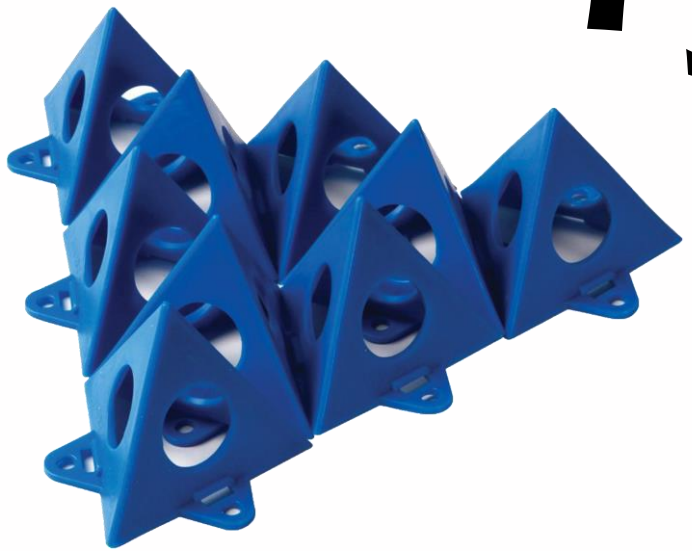
6” Foam Roller

Tabletop Epoxy

Sealer

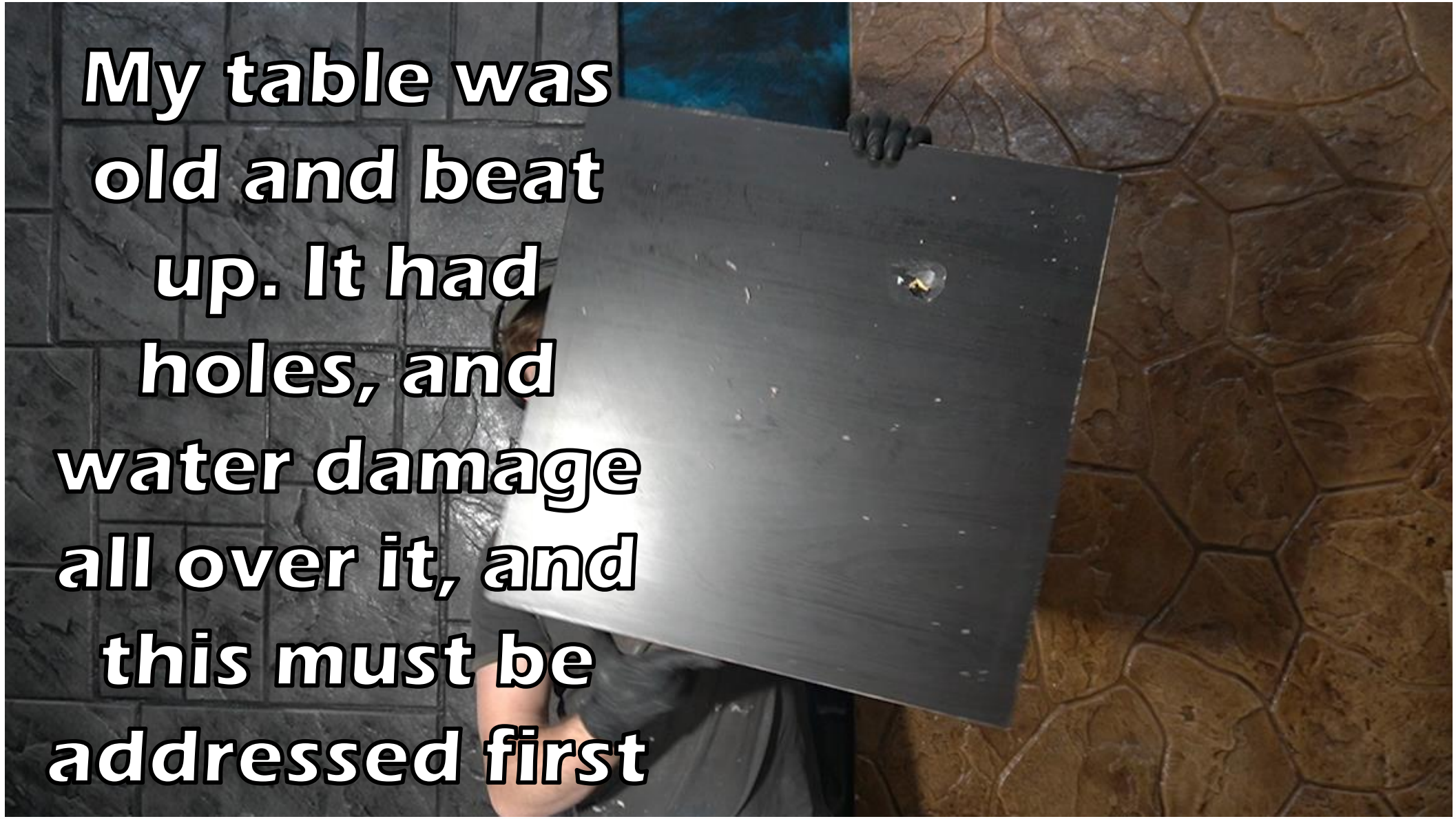
Torch

Painters Pyramids



Level

Prep


My table was old and beat up. It had holes, and water damage all over it, and this must be addressed first

First I cut the holes out of the table

1

I did this to make sure the patch would be sturdy

Then I mixed up some bondo and patched the hole

2

Do this in a well ventilated area because the smell is not pleasant

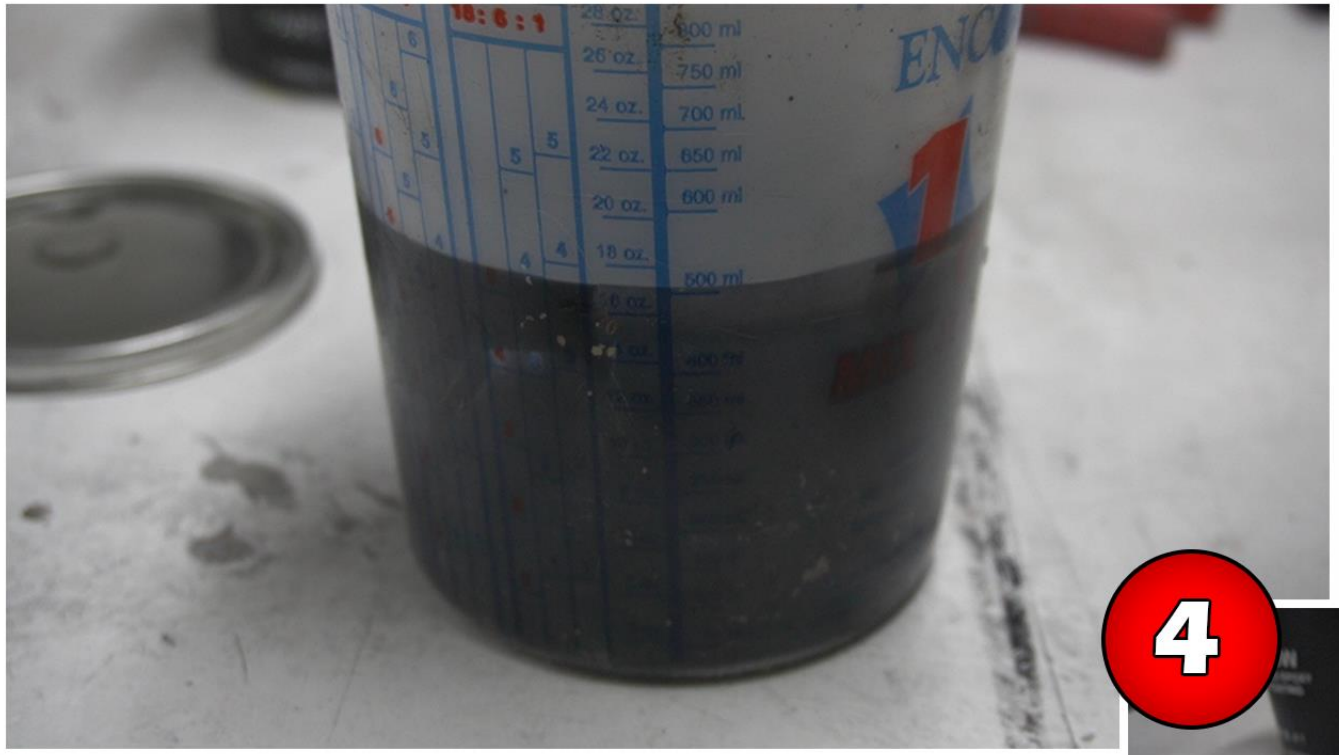
Next, I sanded the whole table to remove water damage and to ensure a proper bond to the primer

Then it is cleaned with denatured alcohol as it dries fast and will not make more water damage

3

Primer

Primer is required to both add a solid color base for our metallic coat, and to ensure the metallic coat does not get soaked into our wood and give us an undesirable finish. If using dark metallic pigments, use a dark primer and vice-versa

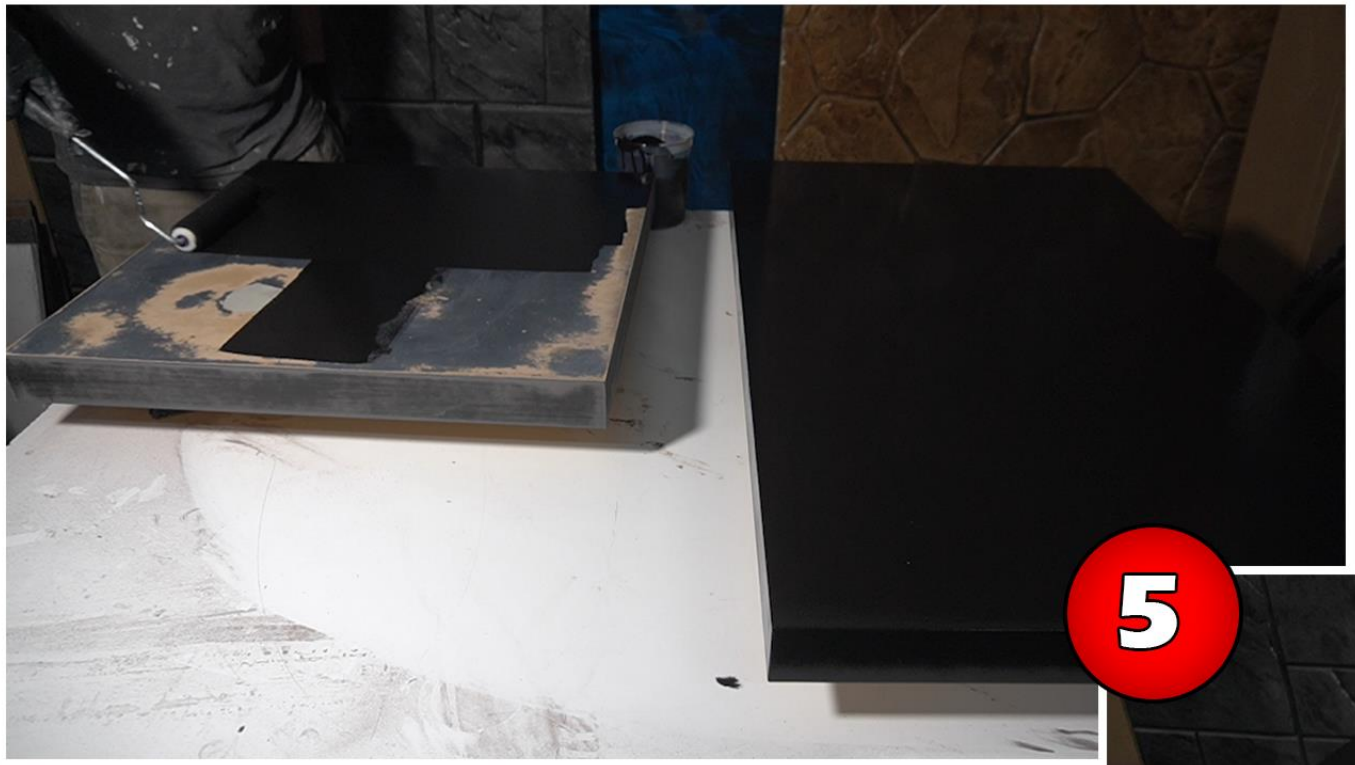


The primer is mixed at a 4 parts A to 1 part B ratio

4

Be sure to premix the part A as the pigment might have settled down to the bottom of the container

Roll the primer onto the tabletop



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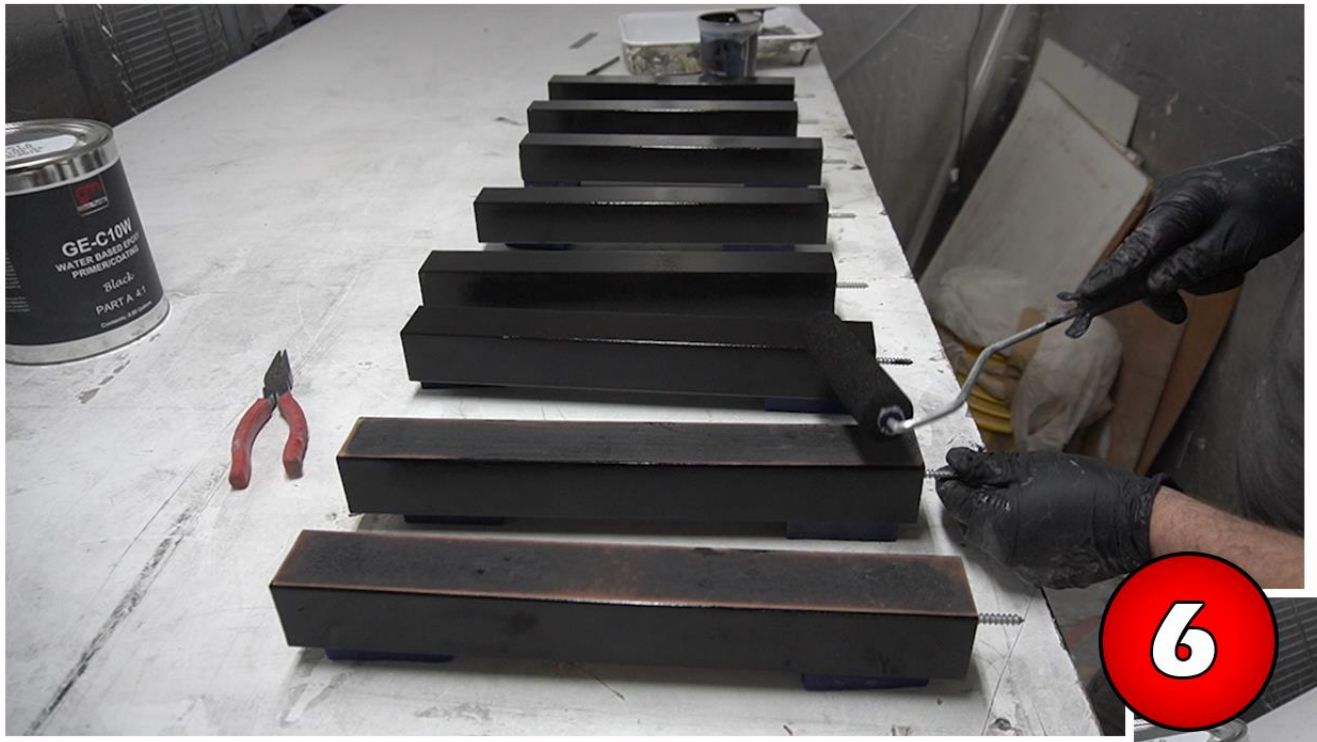
You must backroll the primer to remove any roller marks and to ensure an even spread of material



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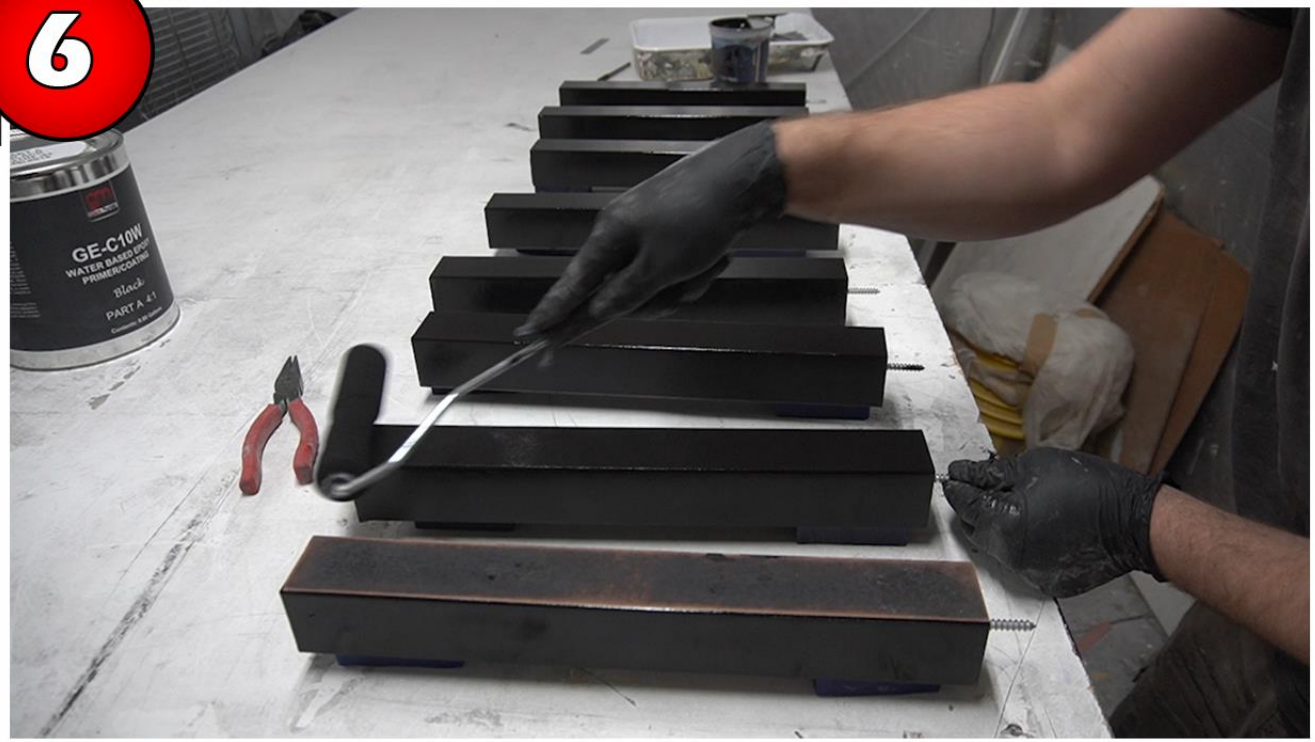
Roll the primer onto the legs to match the sides of the table



The coverage for GE-C10W is 230-320 sq feet per gallon

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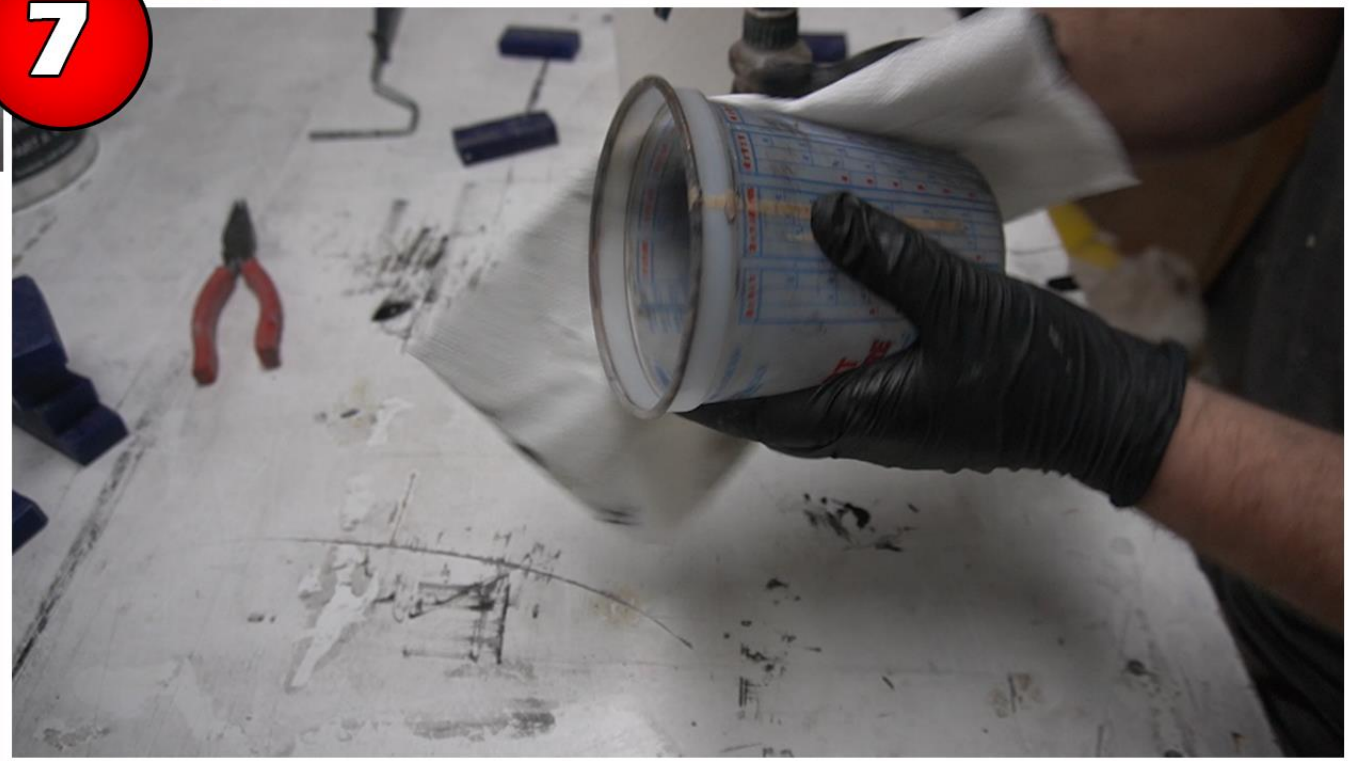
You can clean the measuring container with denatured alcohol



This is also the best way to clean any primer from your skin

Metallic Epoxy Coat

The <u>metallic</u> <u>epoxy</u> coat is the actual color and texture we will see on our finished product. Since this is a coffee table, we must use a <u>food safe epoxy</u> meant for tables and countertops

8

The primer must be sanded to create a good bond between the primer and the epoxy

Then the dust can be cleaned off with denatured alcohol

Tarbender Epoxy is measured at a 2 part A to 1 part B ratio

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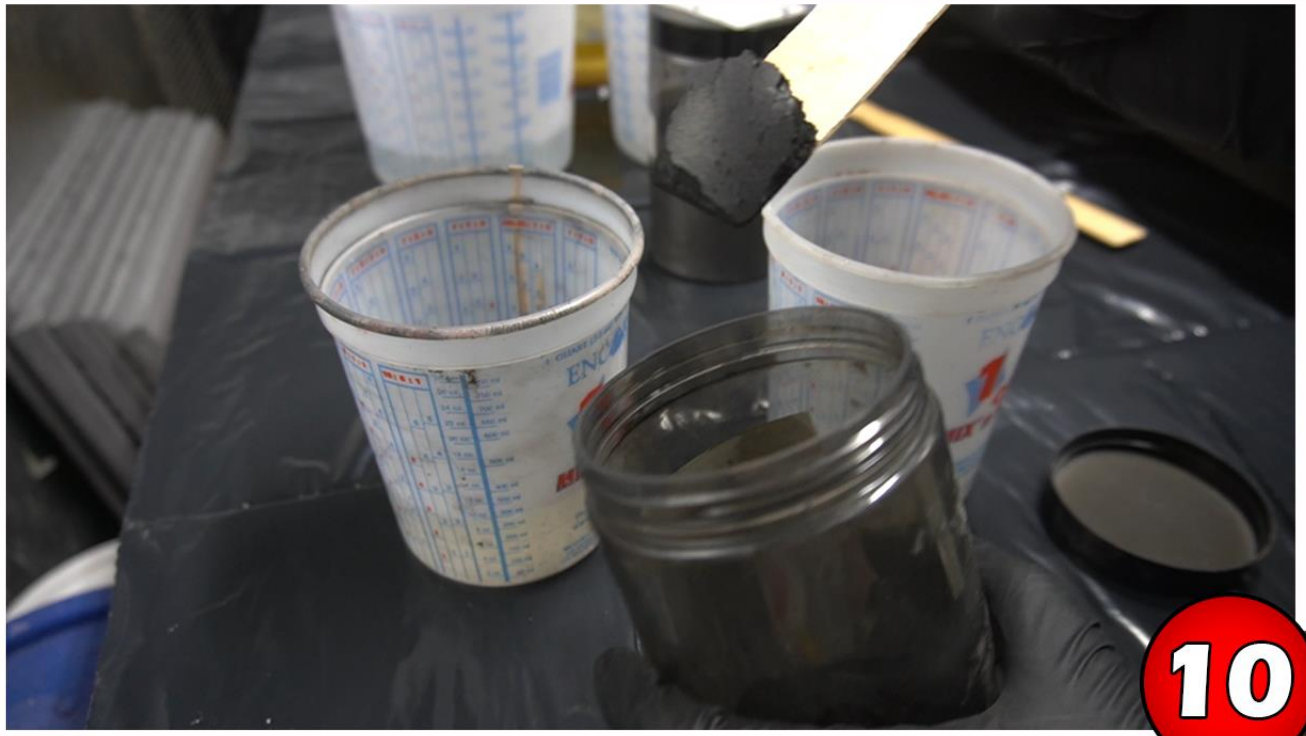
I measured a total of 900 ml of epoxy for the color onyx, and 450 ml for the color gunmetal



You can now add the <u>metallic pigments</u> into one of your “parts”

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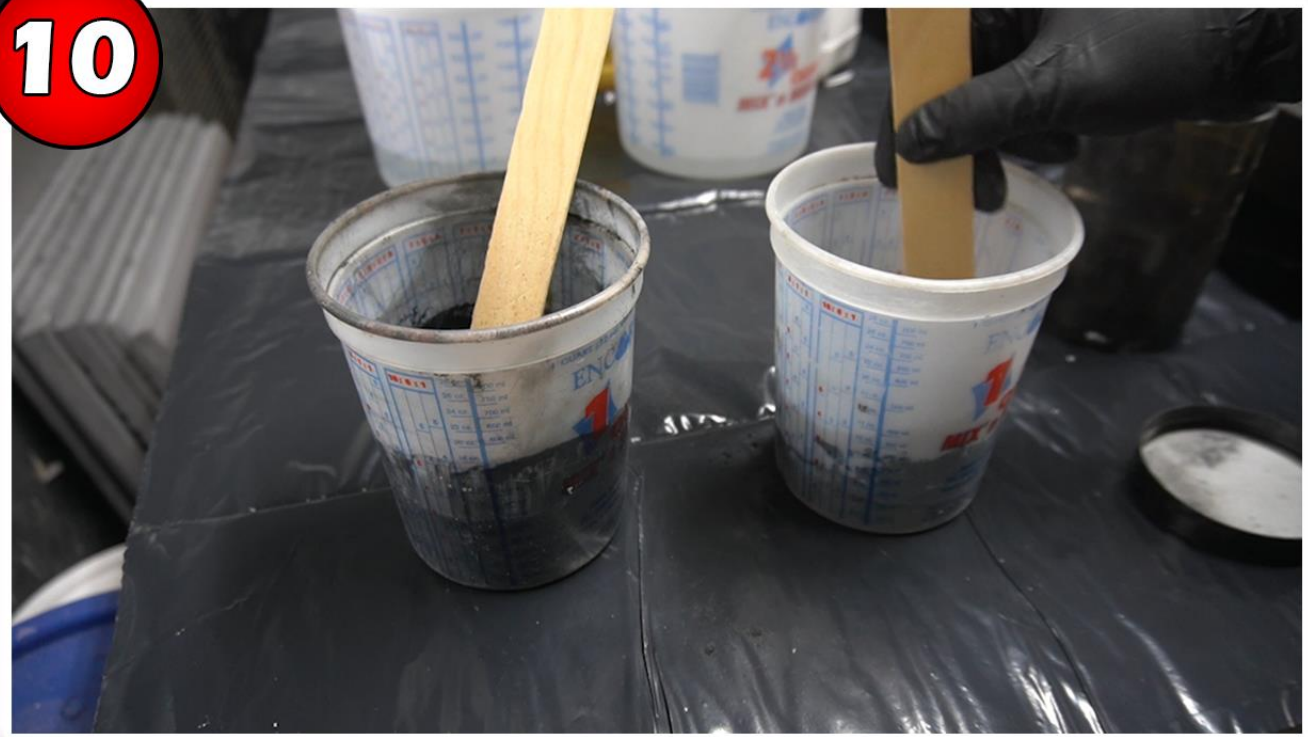
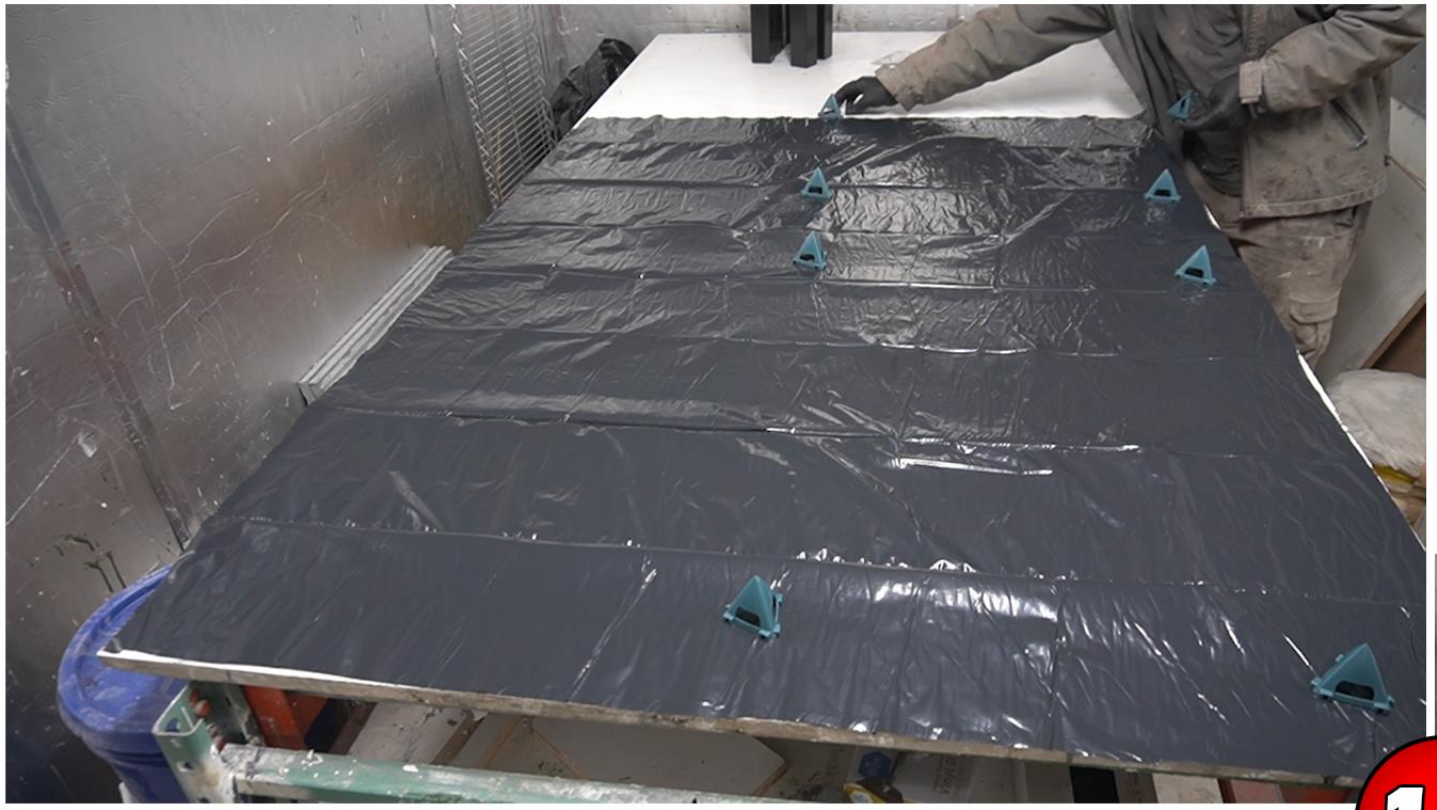


I prefer to add the metallics into part B because it is less viscous and can saturate the pigment better

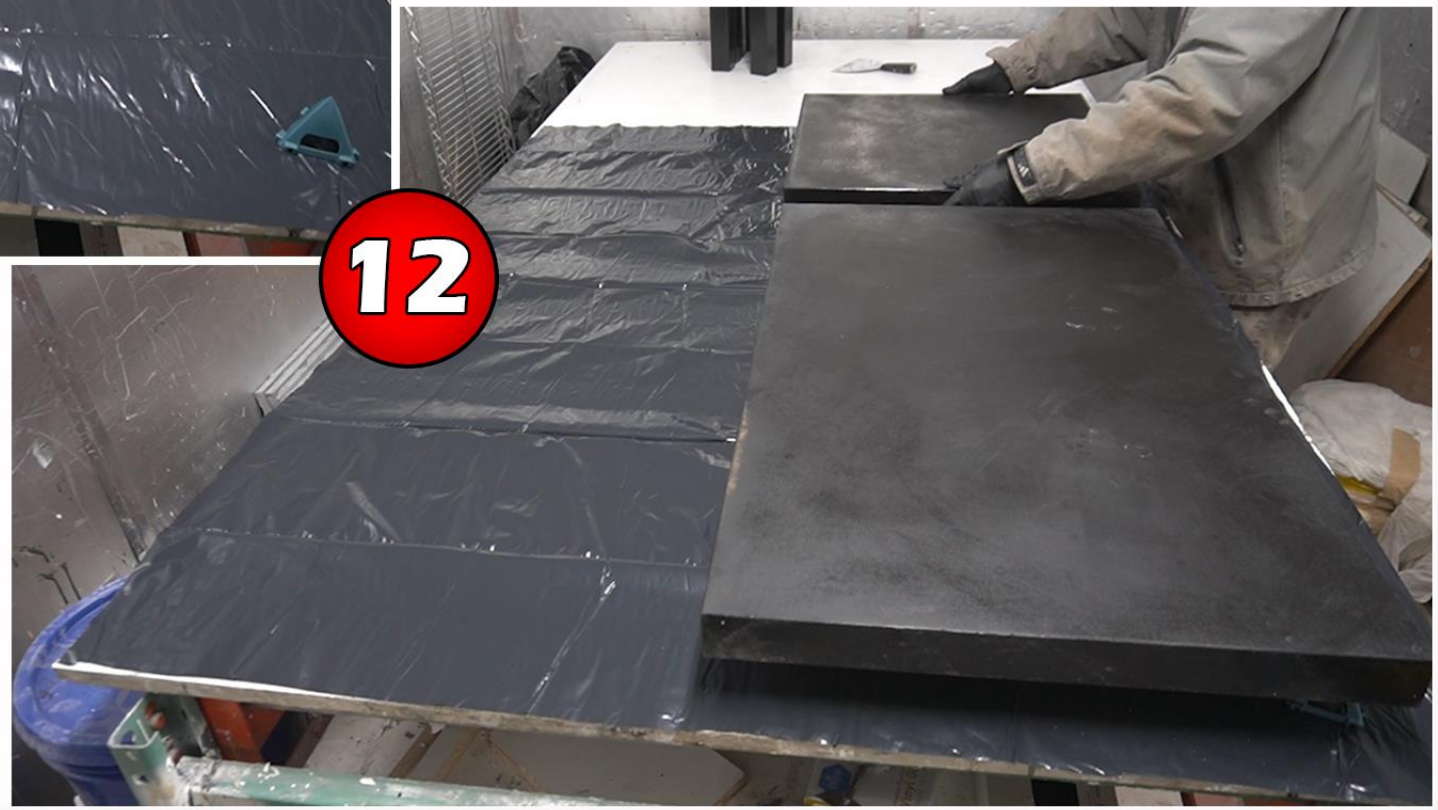
Now you can add your part A to your part B

11

Be sure to thoroughly mix the material and to scrape the bottom and sides of your container



Place plastic and painters pyramids on your table to minimize the mess



12

The table MUST be level or else your epoxy will not spread evenly, creating an unappealing texture

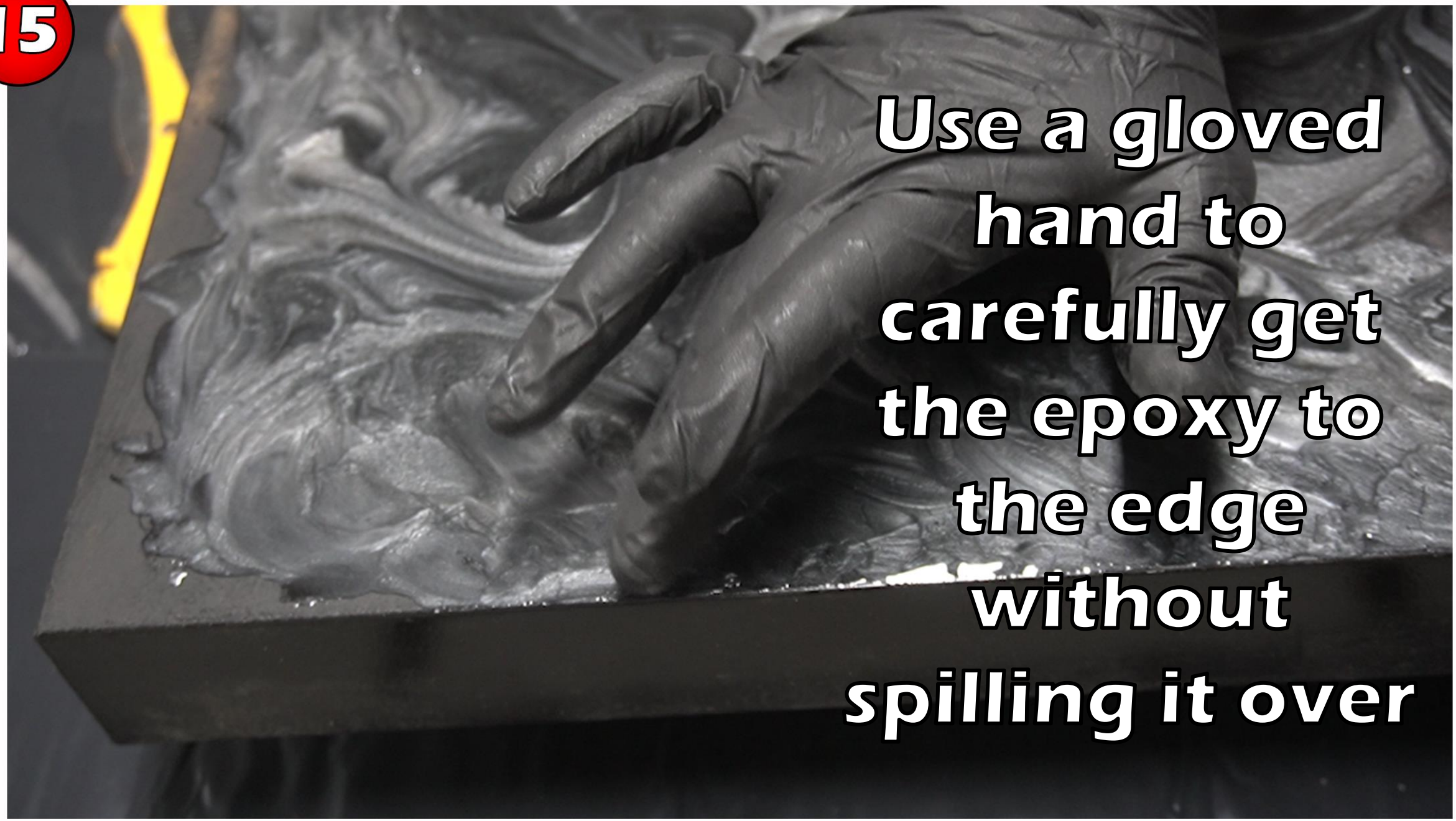
Pour your epoxy in polka dots across your tables

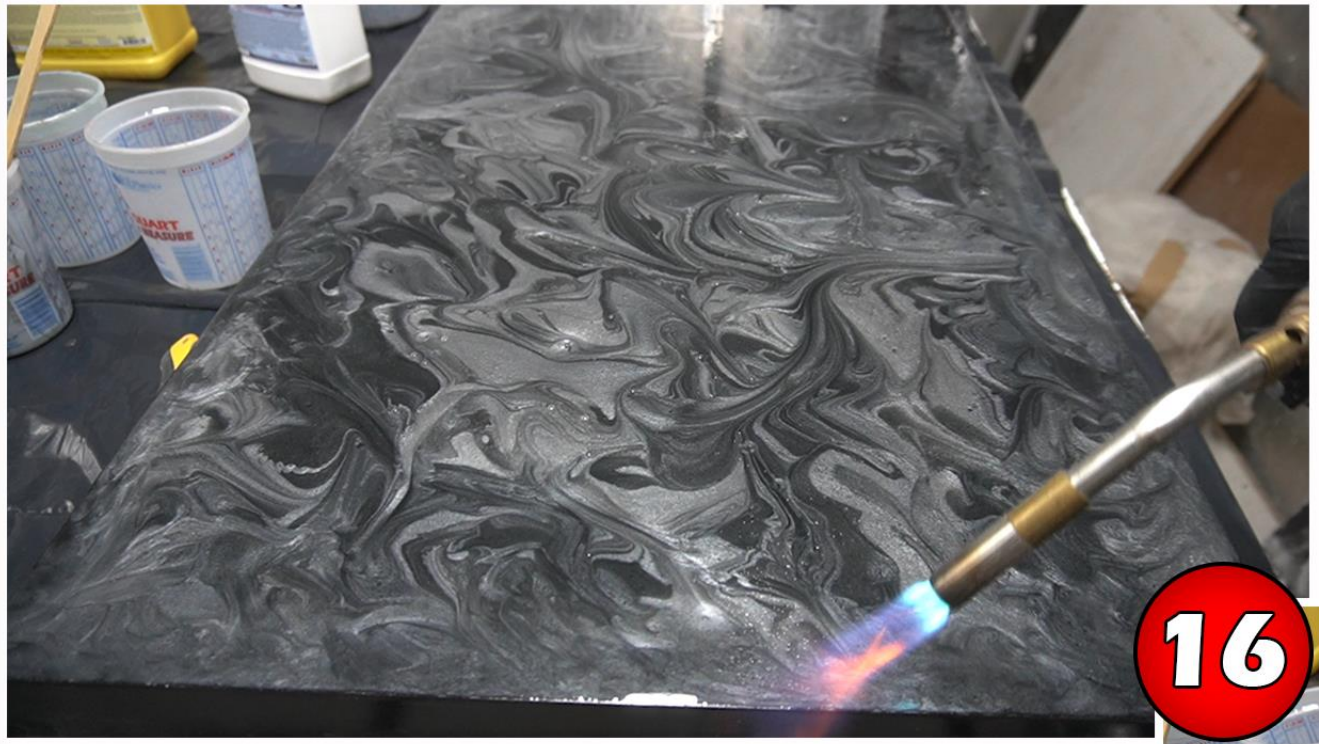
Tarbender has a coverage of about 16-32 sq feet per gallon

14

Use a plastic spoon to texture the epoxy

Random movements are best, any pattern in your texturing may be noticeable in the finished product


15
Use a gloved hand to carefully get the epoxy to the edge without spilling it over



Quickly torch the surface to remove any bubbles from the epoxy surface

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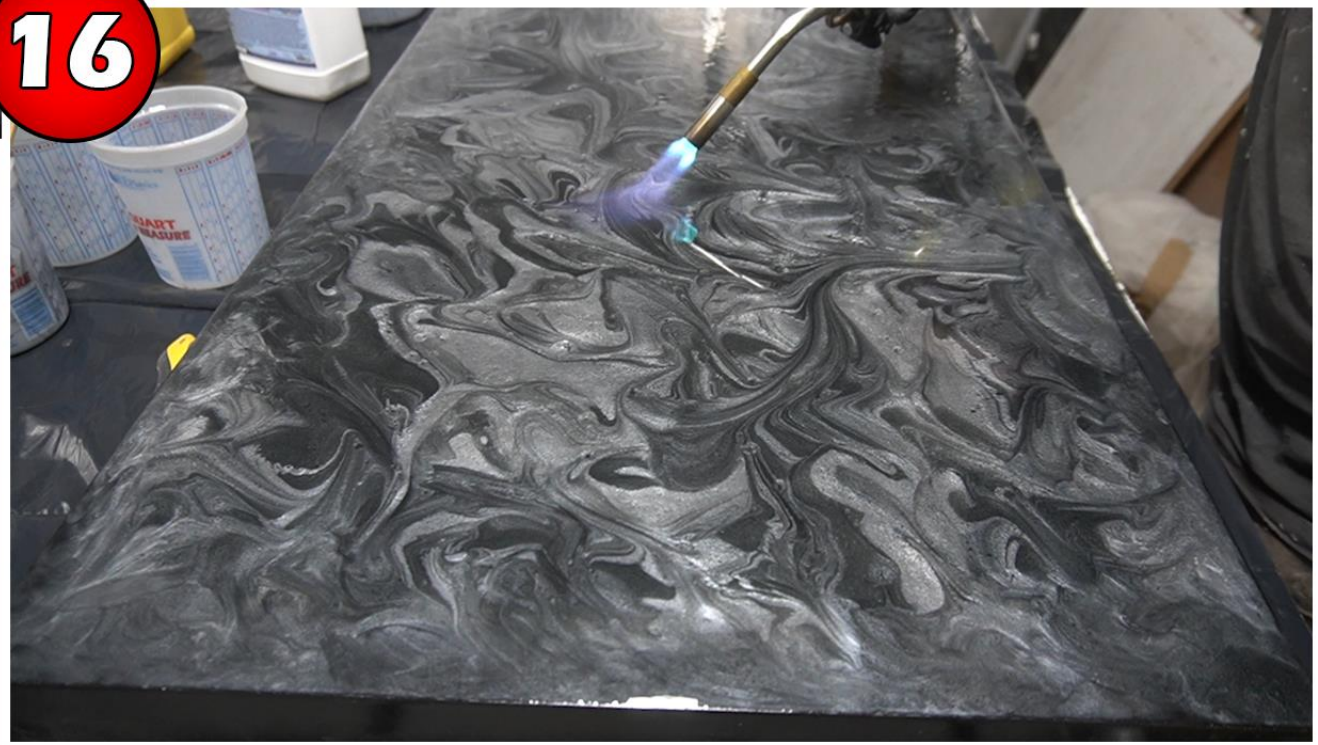

Holding the torch on the epoxy for too long will burn and discolor it

Sealer

A sealer is required to scratch proof your table. Epoxy on its own has very poor scratch protection, and a food safe countertop sealer like XS PC12 should always be used

Before sealing, the metallic coat must be sanded to ensure a good bond to the sealer

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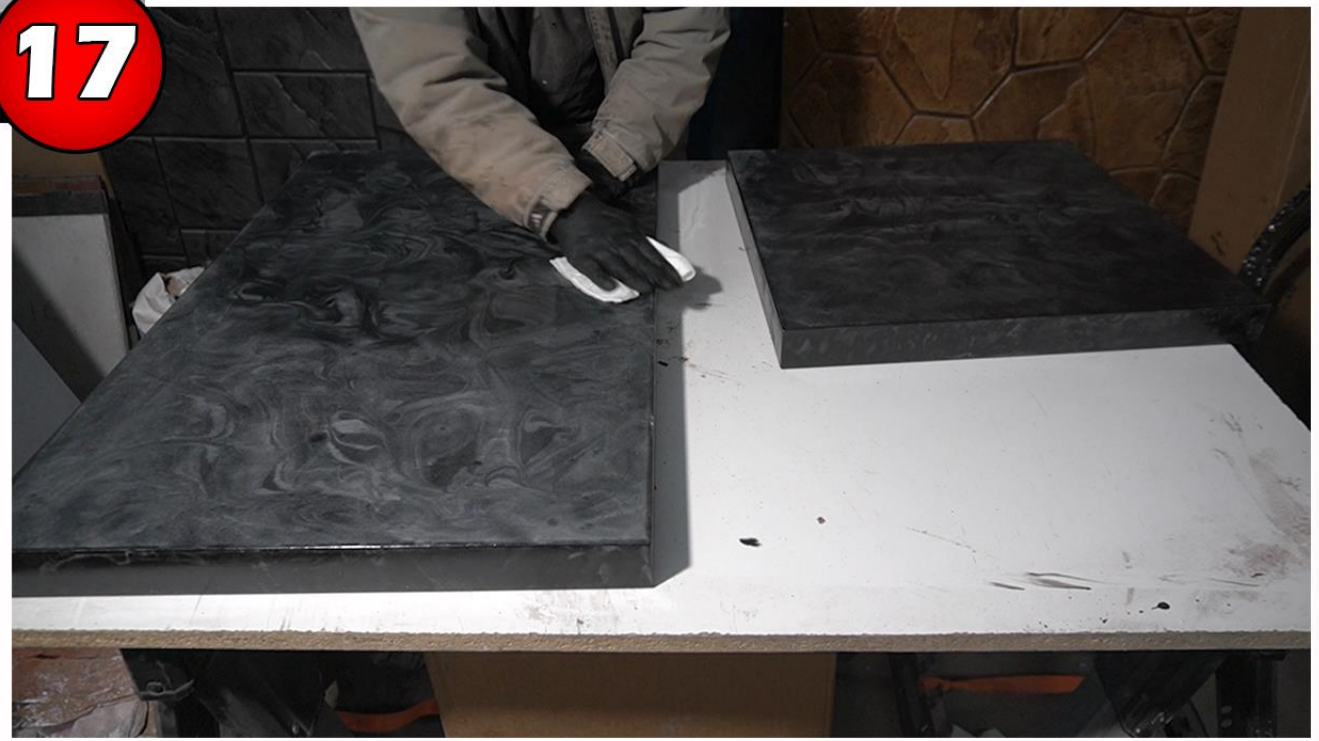

The dust can be cleaned off with denatured alcohol

XS PC12 is a 1 part B to 3 parts A ratio

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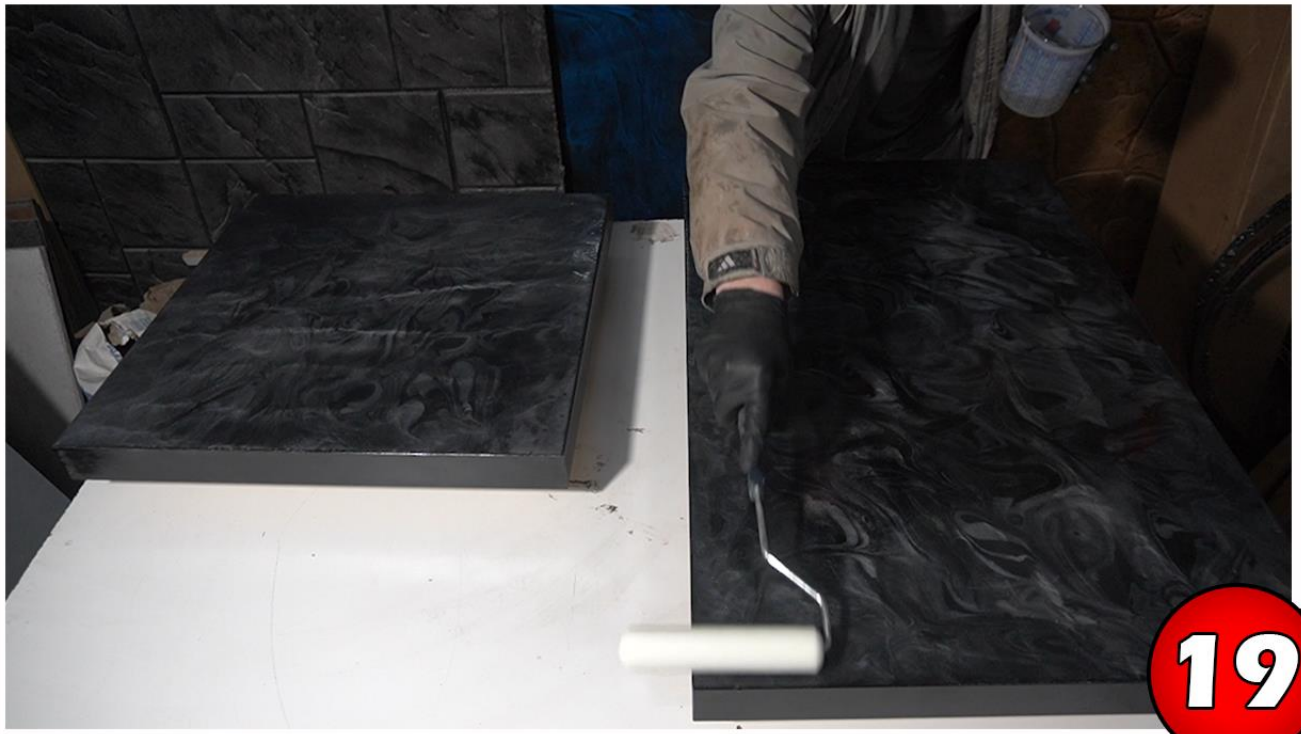
Its coverage is about 100 square feet per 32 oz container



<u>Roll</u> the sealer onto the tabletop, the sides, and the legs

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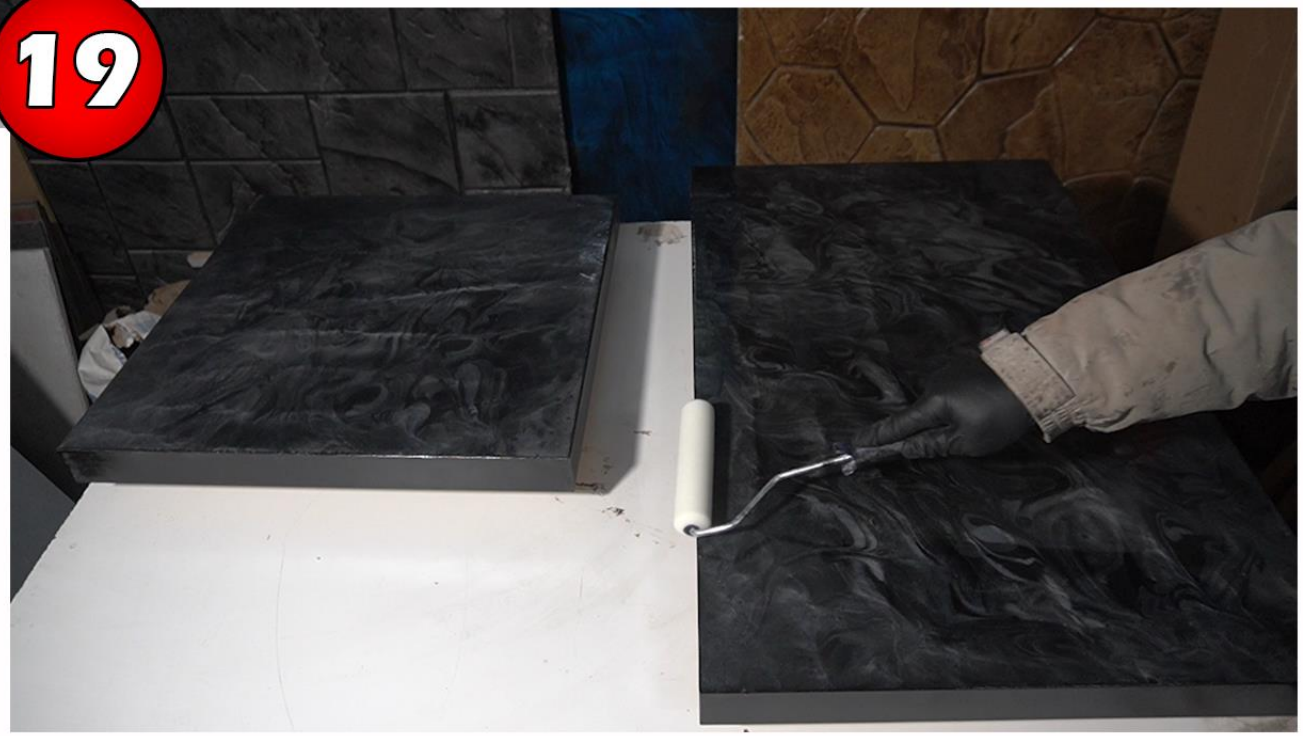
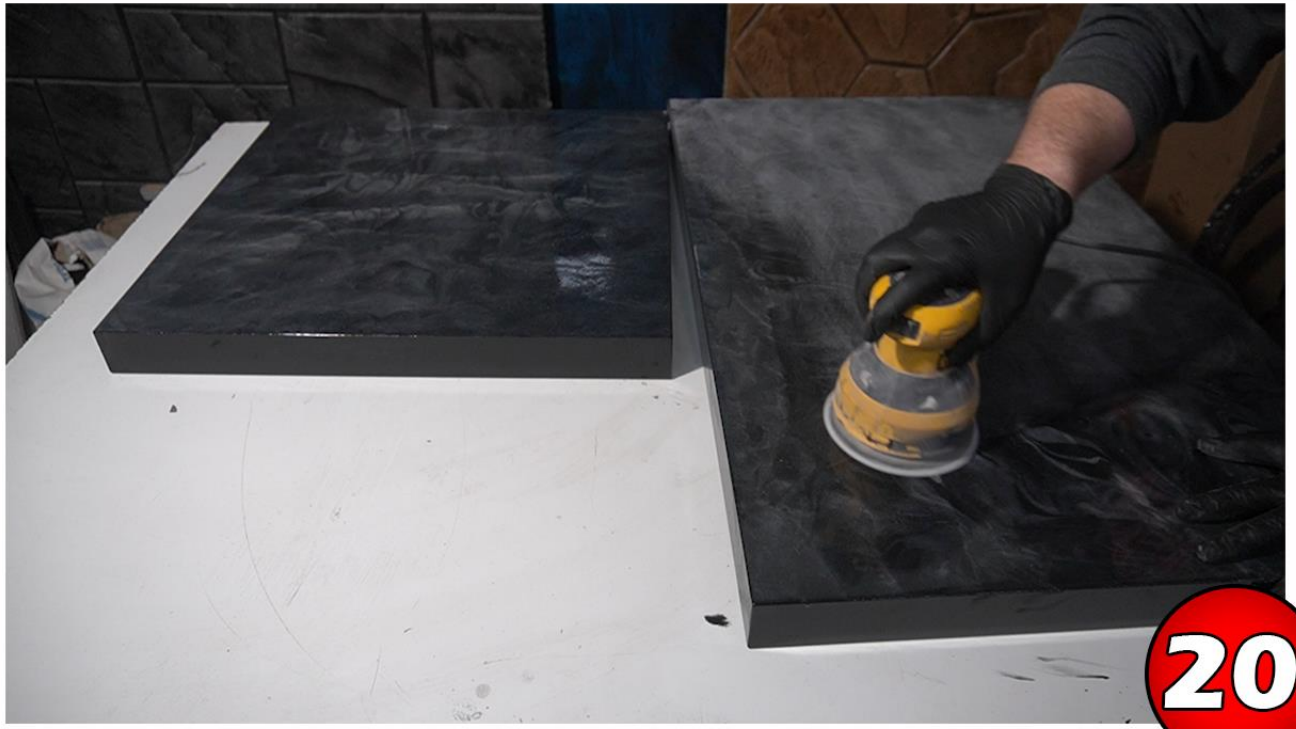


Not applying too much pressure and backrolling helps to remove any roller marks from your surface



Two coats are always recommended for most sealers

20

You must sand and clean your table one last time

Measure and mix the same amount of material as last time

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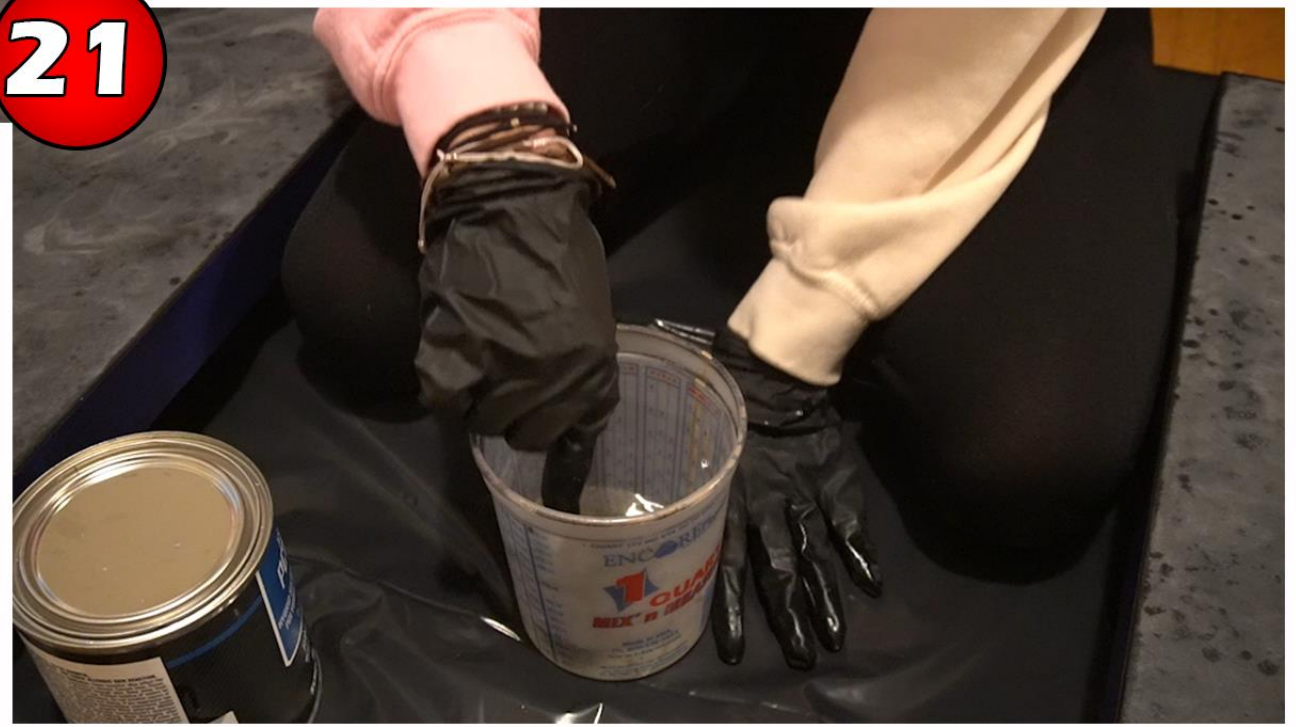

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Roll the sealer onto your tabletop one last time

<u>Foam rollers</u> help reduce roller marks, and leave no bristles or hairs on your sealer


23
It is recommended to cover your table on the final cure, as any dust will be permanent after this coat

The next day, you may attach the legs

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XS PC12 cure time is: 24 hours after application of second coat, surface is ready for light duty use. 48 hours after application of second coat, surface is ready for full use. 7 days after application of second coat, complete cure is achieved.

To watch the full video click here