

**HOW TO UNCLOG
APPLICATOR
NOZZLES AND
MICRO-TIPS**
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**A GUIDE TO FILLING
KNOTS AND VOIDS
EFFECTIVELY WITH
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**HOW TO MAKE
YOUR CA GLUE
LAST LONGER**
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MEET THE MAKERS

**WOODWORKING JOURNEY
OF INFLUENCING WOODWORKERS**



ST★RBOND
BLACK
MEDIUM-THICK
HIGH PERFORMANCE
PREMIUM CYANOACRYLATE
INSTANT ADHESIVE

- Dries Jet Black**
Dries jet black and polishes to a high gloss.
- High Impact Rubber Tougher**
Great for bonding RC car tires and sports equipment.
- Fill Voids in Dark Wood**
Highlight and hide imperfections in ebony, rosewood, and burl.

Warning: Eye irritant. Bonds skin in seconds.
Read cautions on back.

NET WT. 16 OZ.

To ensure proper and thorough curing of the glue when filling deeper and wider knots and voids, we recommend the "layering method" P. 5

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STARBOND INTRODUCTION



THE STARBOND DIFFERENCE

Starbond has been supplying you with the freshest, high quality CA glues since 1988. We strive for excellence in all aspects of our business, whether that is providing the best glue on the market, delivering outstanding customer service, or developing new and exciting products for you to enjoy.



YOUR SUCCESS IS OUR SUCCESS

At Starbond we believe that success is something that we share with all of our customers. By developing our products with the utmost care, we are able to help you to complete your projects and create your dreams.

REMARKABLE CUSTOMER EXPERIENCES BUILD REMARKABLE COMPANIES

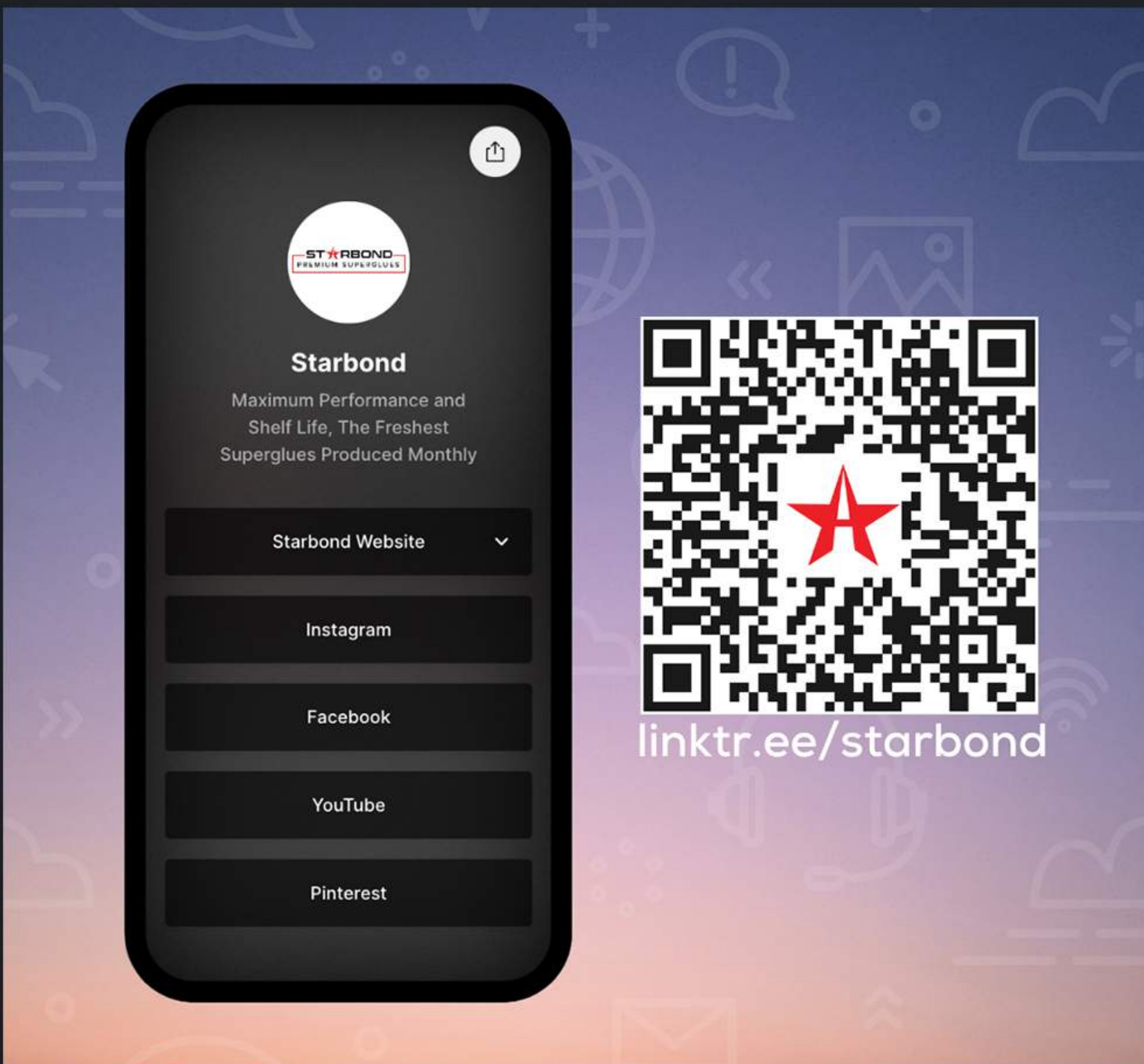
Starbond is a company that is built around providing an amazing customer experience in order to build lifelong users of our products. We are aware that you are the heart and soul of our business. Without your support and faith in Starbond, we would not be where we are today.





BUILDING RELATIONSHIPS WITH THE COMMUNITY

We take pride in our role as a steward of the many and varied crafting communities. We aim to create a welcoming environment for builders of all ages based on mutual respect and shared learning experiences. It is our goal to share the joys of creating with both new and experienced artisans around the world.



SHARING KNOWLEDGE TO HELP OUR CUSTOMERS

At Starbond, we are always learning and growing to adapt to whatever situation comes our way. We love to learn and enjoy sharing our knowledge through our communication channels (e.g. YouTube, Instagram, Email, Text, and this eMagazine) in hopes of helping our customers experience more consistent success in their product applications. We hope you ENJOY!

HOW TO USE BLACK AND BROWN CA GLUE

TO FILL IN KNOTS, VOIDS, AND CRACKS



BLACK & BROWN CA APPLICATION SPECS AND TECHNIQUES

The Black CA is typically recommended for cracks and voids that are no longer than 6" in length, no wider than 0.5" in width, and 0.5" in depth. However, please note that it is still possible to fill cracks and voids that are slightly larger than the dimensions shared, except it may require some more technique and technical information. For example, one technique is called the **"layering method"** where you would apply the glue in several thinner layers while spraying the accelerator in-between glue applications. Another technique is to use a filling agent such as sawdust to cover more surface area in less time.

FOR CRACKS AND VOIDS LONGER THAN 6" IN LENGTH, WIDER THAN 0.5" IN WIDTH, AND/OR 0.5" IN DEPTH, USE THE LAYERING METHOD:

1. APPLY A THIN LAYER OF GLUE



2. SPRAY ACCELERATOR



3. WAIT 30 SECONDS AND REPEAT



▶ WOOD SPECIES AND WOOD PROPERTIES

The wood should be reasonably free of dirt, oils, and contaminants before applying the glue. Some wood species are naturally oiler and the higher oil content may affect the glue's curing quality. Therefore, **we recommend to always spot-test** on some scrap wood (of the same wood species) before using the glue on the actual project. Especially when using the glue for new projects, spot testing on scrap wood is an excellent practice to minimize errors.



MAKE SURE WOOD IS FREE OF DIRT, OILS AND CONTAMINANTS



SPOT-TEST ON SCRAP WOOD OF THE SAME WOOD SPECIES BEFORE USING GLUE ON THE ACTUAL PROJECT

▶ **ALWAYS GIVE IT SOME MORE TIME BEFORE SANDING**

Sometimes, you'll notice that the surface of the cured glue is warm or at times, hot when you touch it within a few minutes of applying the glue. This means that the CA glue is undergoing a chemical "outgassing" reaction and the glue is releasing exothermic heat and fumes. CA glues require sufficient time to fully or at least sufficiently "outgas". Even if the surface of the glue has hardened and it looks fully cured, it's possible that the glue hasn't fully cured underneath. If the glue is sanded in an "uncured" state, it's possible to experience curing issues, small holes, and white spots. It's recommended to wait an additional 10 minutes (when short on time) to 30 minutes after filling the void with CA glue, especially when working with wood that have longer, wider, or deeper cracks.



IT'S RECOMMENDED TO WAIT BETWEEN 10 TO 30 MINS AFTER FILLING VOIDS AND CRACKS



▶ **CA GLUE'S CHEMICAL NATURE**

CA (cyanoacrylate) glues are similar in nature to acrylic when they are fully cured, thus very robust and chemically-resistant. However, CA glues are more sensitive to environmental factors before they are fully cured.

▶ **BE AWARE OF THE SIZE OF THE KNOT/VOID AND THE AMOUNT OF GLUE TO BE APPLIED**

The size of the knot/void reflects the total amount of glue to be applied. The setting time of CA glues and many other adhesives become exponentially longer when more glue is applied at once. However, it doesn't mean that it can't be done in a relatively short period of time—it just requires some more technique.

One technique is the "layering method" where the glue is applied in several thinner layers while spraying the accelerator in-between glue applications.

The second technique is to use a filling agent such as sawdust to cover more surface area in less time. The sawdust method carries double benefits—one, it acts as a filling agent, and two, as a catalyst to speed up the glue's setting time. Therefore, you are using two catalysts (accelerator and sawdust) with the glue.

1. LAYERING METHOD:



APPLY GLUE IN SEVERAL THIN LAYERS WHILE SPRAYING ACCELERATOR IN-BETWEEN GLUE APPLICATIONS.

2. USING FILLING AGENTS



USE A FILLING AGENT SUCH AS SAWDUST TO COVER MORE SURFACE AREA IN LESS TIME.

PRO TIPS & TRICKS TO USE CA GLUES

TIPS FOR FILLING KNOTS AND VOIDS

To ensure proper and thorough curing of the glue when filling deeper and wider knots and voids, we recommend the “layering method”. Apply a thin layer of glue, spray Starbond Accelerator, wait 20-30 seconds for the glue to cure, and repeat steps as needed.

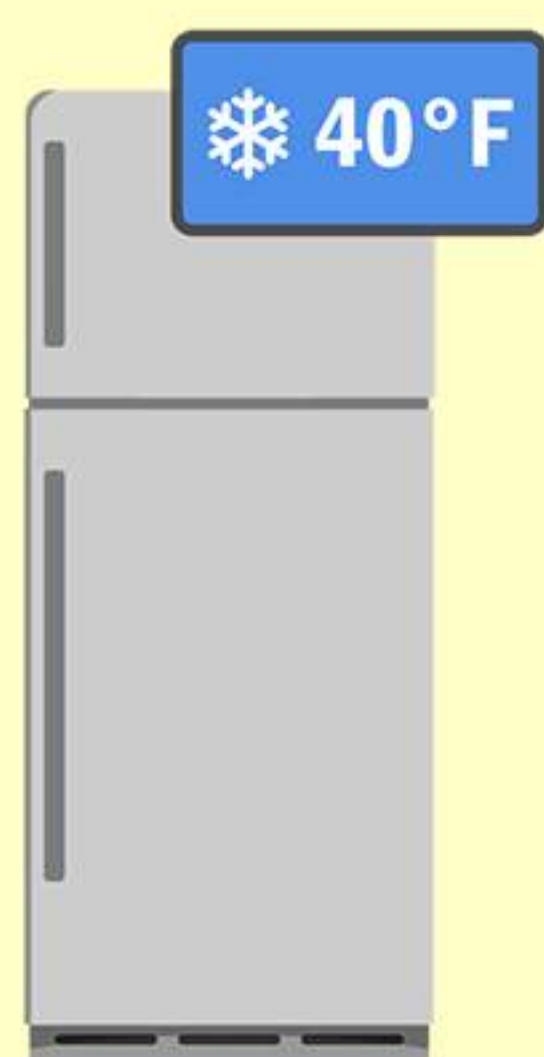


TIPS FOR FASTER DRYING TIMES

- Use an accelerant to speed up the drying time of the glue. Starbond Accelerator or other brand accelerants labeled as a CA glue “accelerator” or “kicker” will work.
- CA glues take longer to dry in cold temperatures. If possible, increasing the temperature of the workroom will improve the curing speed.
- Apply less glue. When a larger amount of CA glue is applied in a single application, it’s possible for the glue’s drying time to significantly lengthen.
- Roughen up the bonding surface to allow the glue to better root itself into the surface’s fibers.

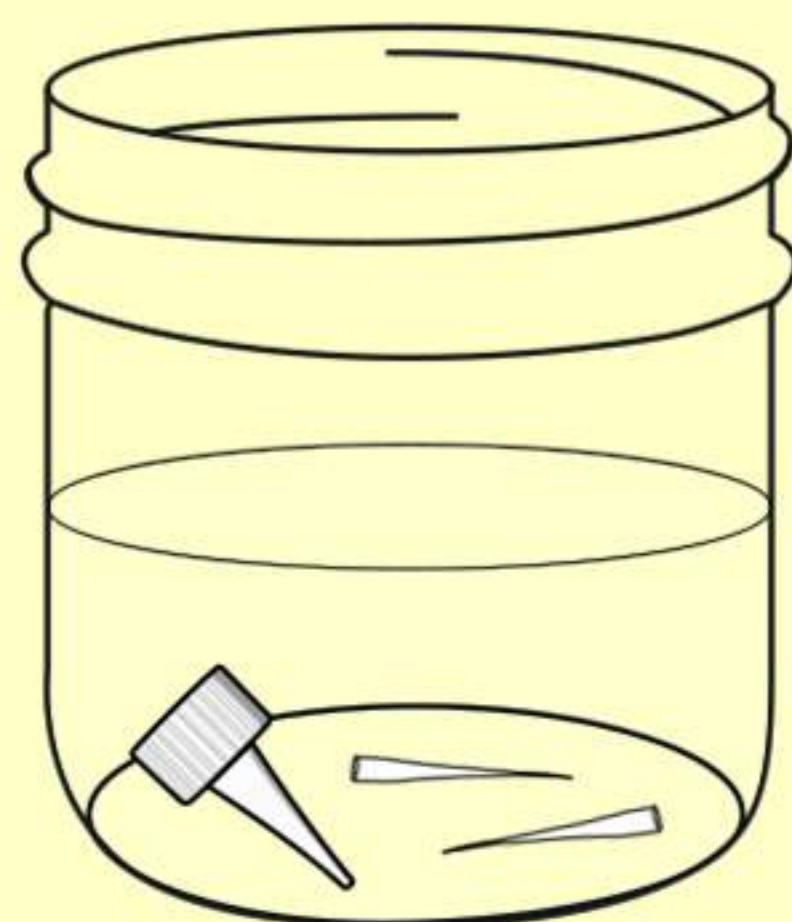
HOW TO MAKE YOUR GLUE LAST LONGER

Guaranteed 30 months shelf life for all clear glues stored under 40°F. Store the glues in a refrigerator or freezer, before and after use.



PRO TIPS TO UNCLOG APPLICATOR NOZZLES AND MICROTIPS

To make them reusable, drop the applicator nozzles and Microtips into a glass jar filled with acetone for 30 minutes. Afterwards, rinse the applicator and microtip with water and ensure that they are fully dry before reusing.



TIPS TO PREVENT THE APPLICATOR NOZZLE FROM CLOGGING

After use, wipe off any glue residue that remains around the applicator opening. Tap the bottom of the glue bottle a couple times on a hard surface. This will allow the glue that is inside the applicator nozzle to flow back down into the bottle.



Apply the white cap cover over the applicator. It should snap on. Store the glue in a cool dry area, away from the heat.

FAQs

DID YOU KNOW THAT STARBOND CLEAR CA GLUE CAN BE MIXED WITH PIGMENTS?

Powdered pigments are compatible with Starbond CA glues. However, when mixing, do not add the pigment powder directly into the bottle. Doing so will cause the CA glue to polymerize and harden in the bottle.

Instead, spread the pigment powder directly onto the surface and apply the CA glue directly over the pigment powder. Upon contact, the mixture of the pigment powder and CA glue will start to cure. To speed up the curing time, accelerator may be used.



HOW CAN I PREVENT A BUMPY UNEVEN FINISH?



For CA finishing applications, it is always best practice to use Starbond Super Fast Thin CA Glue for the initial first few layers.

Continue to apply several additional layers using the thin viscosity CA, or you may even opt for a medium viscosity CA glue to speed up the process.

More-thinly distributed applications reduce the chances of air bubbles from forming and will prevent a bumpy uneven finish.

HOW CAN I BOND SURFACES THAT HAVE TROUBLE BONDING?

Objects that have smooth surfaces typically have lower surface energy and as a result, users experience a more difficult time getting them to bond. A few examples of material with low surface energy are smooth & "finished" glass, metal, and plastics.

When bonding these types of surfaces, it's recommended to roughen up the surfaces to-be-bonded with an abrasive (e.g. sandpaper). This will add more surface energy to the material which allows the CA glue to better stick to the surface.



WHAT IS THE DIFFERENCE BETWEEN PUMP & AEROSOL ACCELERATOR?

With the **PUMP Sprayer Accelerator**, you get:

- A more concentrated mist.
- The option to unscrew the top and spot-apply the accelerator using a Q-tip.
- It is the more economical option out of the two in terms of cost for frequent accelerator users.

The **AEROSOL Accelerator** sprays a finer mist than the pump and is the preferred option for users who use the accelerator less frequently. The aerosol can also tightly keep the accelerator from evaporating out.

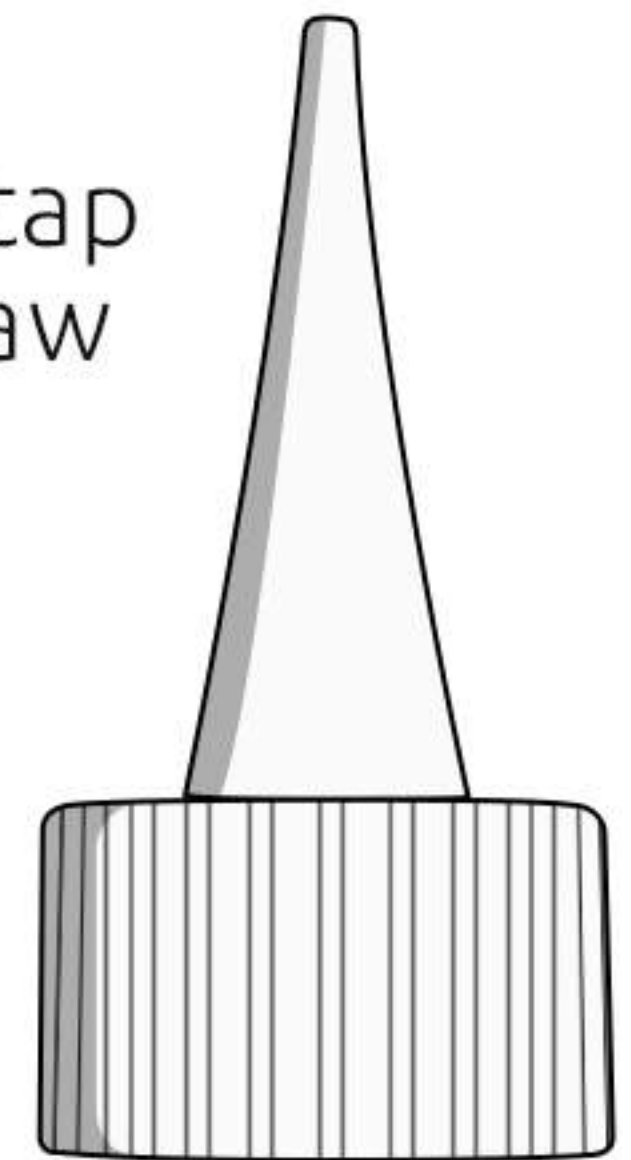


THE BEST WAY TO USE THE PUMP ACCELERATOR

When using the pump accelerator, make sure to spray the bottle in the upright position. If the bottle is tilted upside down during application it may not spray correctly or may leak.

HOW DO I PREVENT MY APPLICATOR NOZZLE FROM CLOGGING?

- If possible, avoid the applicator nozzle from contacting the surface (especially when the surface has Accelerator already on it).
- Have a disposable wipe cloth nearby. Simply wipe the excess glue residue off of the applicator nozzle after each use, and when done, tap the bottom of the glue bottle on a hard surface. The tapping will draw the glue back down into the bottle, preventing excess glue residue from building up.
- In the long-term, all applicator nozzles will eventually clog. To unclog applicator nozzles, they can be soaked in a jar of acetone. Or, simply change out the clogged applicator cap with the spare that we include with every 2 oz., 4 oz. and 16 oz. glue pack!

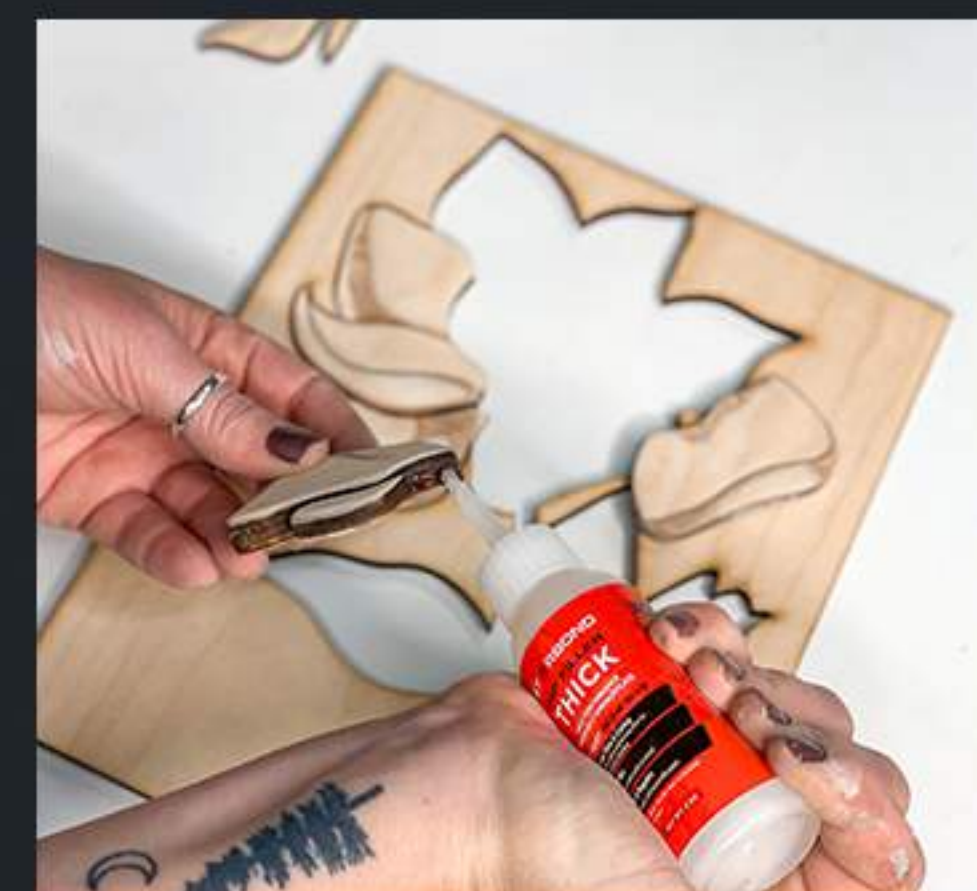


SAFETY GUIDANCE TIPS

- Keep the glue out of reach of children.
- Do not use the glue on your eyes, skin, hair, or clothing.
- Store opened and unopened glues in a cool dry place away from direct sunlight.
- Avoid storing glue bottles near sharp objects such as nails to prevent any punctures.
- Wear latex gloves or polyethylene gloves for safety. Do not wear gloves made of cloth, felted or knitted wool, and rubber.
- Never mix the accelerator into the CA glue bottle.
- Take caution during glue spills or when the glue comes into contact with dry material, powders, fabric, cotton, wool, alcohol, amines, and alkalis. As a reaction, the glue may release hot exothermic heat. Do not touch, and allow sufficient time for the glue to cool down.
- For more information about our products, please visit our website at www.starbond.com and download the Safety Data Sheet.

KENDRA CHURA'S JOURNEY

 KENDRAS_GOTWOOD



CAN YOU TELL US WHEN AND HOW YOU STARTED YOUR CRAFT?

I have always been an artist. I always really liked to paint. I had gotten into sign making when my family was burning some pallet wood that was cool looking and had a lot of character, so I took it home and made a sign. It just evolved from there. People began to want to buy the signs I was making. Instagram woodworking sites were always a helpful and inspiring place to grow and learn. Since then, I have continued to invest in more tools to make my work better and more efficient.

TELL US ABOUT YOUR STRUGGLES IN WOODWORKING.

I don't know if my struggles are project related, but these days it is really just keeping up with projects. It's a hard balance trying to run a business, work another part-time job within the same field, and make content that's relevant and exciting. Staying on top of social media is the biggest way to do my advertising and while it's fun and exciting, sometimes it can burn you out. Currently, my biggest struggle is finding time to make new Halloween artwork.

WHAT ADVICE DO YOU HAVE FOR WOODWORKING BEGINNERS? THE DOS AND DON'TS YOU'VE LEARNED FROM YOUR JOURNEY AS A CREATOR

Don't be afraid to start. Don't be afraid to make mistakes. I get a lot of questions from people who have tools or products they've bought but are scared because they don't know where to start. My advice is, "just go for it." A lot of people try to troubleshoot problems they might not even run into or have questions that the answer to is

completely subjective. I think as long as you are being safe the biggest piece of advice I can give is just try something new and see if you like it.



WHAT WOULD YOU CONSIDER THE WORST THING ABOUT BEING A SOCIAL MEDIA INFLUENCER?

Keeping up with everything, definitely. Instagram is my platform of choice, then probably TikTok, but recently in the last few weeks, I have been trying to branch out and stay on top of YouTube, Pinterest, and Facebook. It's a lot of work posting on that many platforms pretty much daily but I am hoping it will help my business grow.

TELL US SOMETHING YOUR FOLLOWERS DEFINITELY DON'T KNOW ABOUT YOU.

This is hard since if they don't know something, it is probably because I don't want them to... Haha. Probably your standard, "Internet vs Reality." I think a lot of people forget that people only show you what they

want you to see. So, they don't know that almost every project probably had some kind of mistake I had to fix, or that I sit on a computer almost as much as I make things. It's not always making signs and fun content to go with it, then heading out to play with farm animals. There is a lot of work too.

HOW DO YOU DEVELOP YOUR SKILLS, AND DO YOU HAVE A NETWORK OF OTHER CREATORS YOU WORK WITH?

Learning from others is definitely a big one. Oftentimes with art and woodworking, the answers to how to do something are not that straightforward so having a network of creators is awesome, even if it's just for a quick product recommendation. I am usually a "just got for it" kind of person, even when that's not always the smartest way. I like to experiment. When it comes to other things it's great having other woodworkers with their own set of skills who can help. I have learned a lot from a few fellow sign makers and many of those I have personal friendships with.

WHICH STARBOND PRODUCTS ARE INTEGRAL TO YOUR WORK? IF YOU COULD ONLY CHOOSE ONE, WHAT WOULD THAT BE AND WHY?

Definitely the Clear Thick Gap Filler. I feel like at this point everyone knows this about me too because I use it for all of my signs. I also use black and brown a lot for knot filling.

DO YOUR OTHER LIFE INTERESTS INFLUENCE YOUR WORK AS A CREATOR?

Yes, of course. For example, I have a small rescue farm. I have made a whole collection in the past inspired by animals.

WORST CA GLUE EXPERIENCE

Not sure, maybe trying to spread it with a paintbrush and the brush started smoking. Won't do that again, whoops.

NAME A PUBLIC MISCONCEPTION ABOUT WOODWORKERS THAT YOU'D LIKE DEBUNKED

Maybe just that women are capable of doing awesome things. I think within the community the men have total respect but outside that there will always be that misconception about the women makers these days. There are a lot of amazing women doing amazing things and I think that they don't always get the respect they deserve.





CAN YOU TELL US WHEN AND HOW YOU STARTED YOUR CRAFT?

I got started because Coronavirus kicked in. I do commercial real estate business and that slowed down quite a bit so I ended up heading out to the garage and trying to make things. It really made me happy. So, I just kept going out there, just wanting to have fun and next thing I know three years have passed and people look at me like I'm an expert or something. Until I find a way to make things with wood as my permanent job, I still am into commercial real estate full time.

TELL US ABOUT YOUR STRUGGLES IN WOODWORKING.

Time management. Finding the time to get out there. In my head I figure out my challenges, but when I'm not doing it full time... I just need more time to work on them. When I'm not doing it full time, it makes everything take forever. I'm not saying I'm some kind of woodworking genius, but most of the problems I can figure out on my own, or find somebody who knows

how to help me. So, my challenge is the opportunity to keep working on it.

WHAT ADVICE DO YOU HAVE FOR WOODWORKING BEGINNERS? THE DOS AND DON'TS YOU'VE LEARNED FROM YOUR JOURNEY AS A CREATOR?

Just start doing stuff. Don't be afraid to make mistakes. Don't be afraid of trying things. Every tool you need to learn how to use, be safe using it. But, really, just do it. Just go out and try something. I learned from all my mistakes and there were a lot of them. And, I still make mistakes all the time. But you don't make mistakes unless you're trying and don't be afraid to do something. I would suggest starting something that interests you. Don't think, "Oh, I can make a planter box." If you have no interest in plants. Make something that suits your interests. Because then you'll end up being proud of it and show it to your friends and that will keep you motivated to do it again.

WHAT WOULD YOU CONSIDER THE BEST THING ABOUT BEING A SOCIAL MEDIA INFLUENCER?

I have a network of people now that if I'm having a problem or a challenge, I can post about it and I will get tons of people who know a lot about it giving me all their opinions. Like, hey try this, or try that, and a lot of time I'll get a hybrid of combinations of ideas of whatever conversation is mine, and that's really nice.

And getting to work with and getting to know companies. I used to be in marketing and I really enjoy working with marketing people because I can speak their language. So, if I understand what they want it gives me a better job of super-serving them in their marketing moves. So if it's like hey, we need something super outrageous or creative on our page or our website, I'm like OK cool. Then I can tell them my message about features and benefits because I know how all that works. Those are the best parts of being an influencer. That and the occasional free tool.

TELL US SOMETHING YOUR FOLLOWERS DEFINITELY DON'T KNOW ABOUT YOU.

Most of my followers don't know that I used to do competition barbeque and I was a pitmaster and had my own barbeque team. I could make somebody's day with a nice smoked brisket, and give them something to talk about later. I did that for like six years. My brother and I and a couple of buddies would go out to these competition events and we'd be out there for like 36 hours cooking barbeque for judges. I won a little bit. I'm really good at cooking barbeque but most people know me as a woodworking guy. People who knew me twenty years ago know me for barbeque. They may not even know I'm a woodworker.



HOW DO YOU DEVELOP YOUR SKILLS, AND DO YOU HAVE A NETWORK OF OTHER CREATORS YOU WORK WITH?

Yes. I have found experts in certain aspects of what I do, so I do a lot of work on my CNC and get more into 3D printing. I lean pretty heavily on either doing my own research by reading or looking on Youtube, practicing and then talking to other creators about how they do stuff. It tends to be where I work on a lot of stuff that other people just don't ever do. I don't know anybody who 3D carves mallets that have epoxy cores in them. So, when I need help with something like that, there's no one really to help me. I can get a little bit from one person, a little bit from another, but there's no one else who does that and it's challenging. I try to ask for help with my Tie Fighter Table. I try to ask for help with that but I can't even get past explaining what I'm trying to do, because it's like, "What the hell are you making?"

WHICH STARBOND PRODUCTS ARE INTEGRAL TO YOUR WORK? IF YOU COULD ONLY CHOOSE ONE, WHAT WOULD THAT BE AND WHY?

It would be the Gap Filler Thick. I like the flexible one too. I'm starting to use that one a little bit more. My son and I like to joke around like it's magic glue. If he breaks stuff, I tell him we're going to stick it together, and we're going to spray it (glue plus accelerator) and then it's going to be stuck together.

DO YOUR OTHER LIFE INTERESTS INFLUENCE YOUR WORK AS A CREATOR?

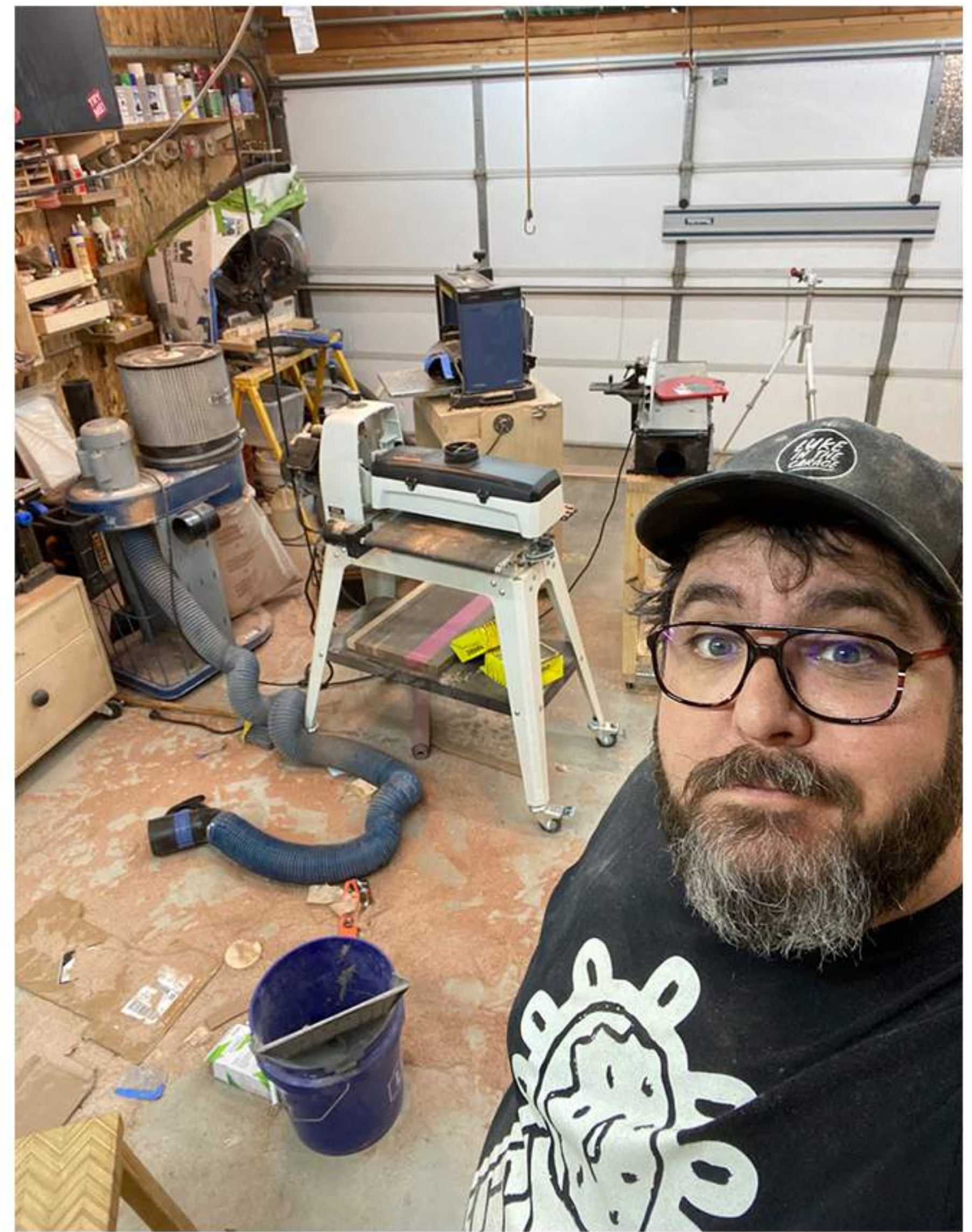
No. My influences come from other creators typically. I see bits and pieces other creators are working on and it sends my mind down a rabbit hole. I'll look at one thing and what pops out of my head is completely unrelated to where it started but it's something exciting to me and that's what gets me fired up.

FAVORITE WOODWORKING QUOTES?

"If it looks straight it's straight" by Jimmy DiResta

WHAT TWO CA GLUE APPLICATION HACKS SAVE YOUR DAY?

Glue tape CA method. Where you put a piece of blue tape down and then put CA glue on it and another piece of blue tape stuck to your piece to hold that down. And, I use CA glue as a clamp a lot of times when I'm trying to join two pieces of wood together and need time to clamp it up but don't want it to move. I'll put a little CA glue in there to help hold it. Or when I'm making jigs, I'll just CA glue down where I want it and come back and screw it in later. If I need something to stick, and I need it to stick right now, it is my thought every time.



FAVORITE WOODWORKING JOKES?

What did the tree say to Captain America? "I am Groot."

NAME A PUBLIC MISCONCEPTION ABOUT WOODWORKERS THAT YOU'D LIKE DEBUNKED.

The price is negotiable. People put a lot of effort into this stuff. When people don't understand the value of something they tend to negotiate because the one thing they do understand is money. So they'll see something like a table, or a cutting board, or whatever and they don't know how much effort went into making it. They don't know how much time was spent learning how to do woodworking so one can even make this thing. All they see is a chunk of wood that was cut up and put together. I'll say, that chunk of wood is 250 bucks, and they'll say, well how about \$200? And, I'll say, well then how about, no. I'm like, well, then you don't want it.

KYLE BREUER'S JOURNEY

 KYLETBREUER



WHAT ADVICE DO YOU HAVE FOR WOODWORKING BEGINNERS?

The biggest thing I would say to anybody is, "Just do it. Go for it and you're going to fail and make mistakes, and you're the only one that's going to see the mistakes that you make". Even with some of the work that I do recently (the mistakes), that's going to bother me but it's a really good piece otherwise. Make sure you are posting your work, and posting your process as a creator, as an influencer. Don't be afraid to do that and push your comfort zone.

Jigs are really important too. I think a lot of people don't think about jigs when recreating things, but they can help efficiency when replicating work.

WHAT WOULD YOU CONSIDER THE BEST THING ABOUT BEING A SOCIAL MEDIA INFLUENCER?

It's funny. I never thought of myself as an influencer, then I hear people talk about me as an influencer. It's such an interesting term to have an influence on people and have an impact on people's lives and maybe steer them to some of the better products. People look up to you, and I personally feel like you can impact people in a positive way by saying, you probably don't want to do that, or use this product or process. Here's what you should be doing and here's a better way to do it. It's such a blessing to have that sort of positive impact on the community.

TELL US SOMETHING YOUR FOLLOWERS DEFINITELY DON'T KNOW ABOUT YOU.

My wife is a veterinarian and we have two dogs and a cat and I'm sure we're going to have more animals in the future. She (my wife) is such an incredible veterinarian and special person to be able to have pets and then actually solve any of the pet's issues.

AS A CREATOR WHAT DO YOU DEFINE AS SUCCESS?

If you get a lot of interaction or reaction on your post I think of it as successful. People DMing me, and reaching out and saying, "This was really helpful, I appreciate that." It is not just a "LIKE" it's when you're forming a connection with people.

HOW DO YOU DEVELOP YOUR SKILLS, AND DO YOU HAVE A NETWORK OF OTHER CREATORS YOU WORK WITH?

I host an Instagram show that's becoming a Podcast that's called, "Saw Dust Talk." There are three to eight of us where every week we host another maker and talk with them about their processes. We started this community where we're bouncing ideas off each other and working through any issues we have in the shop. It's really cool, and even beyond that, there are people who are followers. The woodworking community is just amazing.

WHICH STARBOND PRODUCTS ARE INTEGRAL TO YOUR WORK? IF YOU COULD ONLY CHOOSE ONE, WHAT WOULD THAT BE AND WHY?

I use the Medium Thick Black a lot. I love it for filling knots. It looks so good, especially with walnut. I use it a lot to hold my jigs in place temporarily.

DESCRIBE YOUR DREAM PROJECT.

I'm really looking forward to doing bigger Cutting Boards in the future and End Grain Cutting Boards. They are boards where you can make really cool designs in them so they're a little bit more interesting to look at than plain End Grain which is just lines in the board. I see people making woven patterns in the End Grain boards and that's a really cool thing. Beyond that, I'm looking forward to doing more signs and building out that part of my business as well.

DO YOUR OTHER LIFE INTERESTS INFLUENCE YOUR WORK AS A CREATOR?

My kids dictate my schedule. We just got back from a vacation in Florida at the beach and my daughter has a cough and a fever, and it's hard to be in the shop when she's sick. And working full-time, and then trying to do woodworking at night after the kids go to bed and balancing everything out with being an influencer and being an impact in the community.





FAVORITE WOODWORKING JOKES?

I always laugh when I see sayings that mention something like, when I'm feeling crazy I'll only measure once. I do love this cartoon about refinishing projects.



WHAT TWO CA GLUE APPLICATION HACKS SAVE YOUR DAY?

My favorite is the quick hold. Sometimes I'll put it on my router templates. You put some glue and painter's tape down on both sides of your wood piece and the other on your template. Put some CA glue and accelerator on and then a quick route around your template and just peel it off and you're done. It's a time-saving hack and works really well. The second is, that I use it all the time to fix my daughter's toys because she's constantly breaking them. It's definitely a quick fix. Last week she broke her drum. I had to glue back a part of that drum and worked so well. Also, jigs are a big one.

FAVORITE WOODWORKING QUOTES?

"Craftsmanship is not about making something that meets expectations. It's about creating something that changes them."
- Todd Carmichael

WHAT KIND OF SUPPORT WOULD YOU LIKE TO SEE GIVEN TO THE WOODWORKING COMMUNITY?

A lot of brands do a lot of good work like reaching out to influencers and that's a great way to get involved. I see a lot of banners given out and products and it's more than that, it's relationship creation. It seems like they care about us more than purchasing the products. And making sure people are happy with their products. I've gotten some of the sandpaper Starbond provided and am able to give feedback and get you guys to make improvements on that product. It's so special to be part of that.

PRODUCT SPOTLIGHT

Starbond EM-150 Medium CA Glue is a medium-viscosity, multi-purpose, instant adhesive. With an oil-like consistency, this glue has properties of both our thin CA and thick CA products, making it ideal for filling small gaps, penetrating narrow slots, bonding close-fitting parts, and creating high-gloss finishes on wood. This CA wood finishing is accomplished by applying multiple coats, sanding, then polishing to a high shine! This versatile adhesive is used in woodturning, guitar repair, and pen making, to name but a few applications. Used by everyone from lapidaries to taxidermists, this glue should be kept on hand for all your small household repairs!

Professional Tip: When bonding two smooth surfaces, be sure to lightly sand, or otherwise make them scuffed or more abrasive – the glue will have more surface area to adhere to, and therefore more holding strength!



VERSATILE

IT CAN BE USED ON MANY DIFFERENT SURFACES

Wood, metal, rubber, leather, ceramics, gemstones, rocks, minerals, carbon fiber, fiberglass, PVC, most plastics **and MUCH MORE!**

USE STARBOND MEDIUM CA GLUE TO:

- Bond harder wood, like basswood and spruce
- Treat cracked stones and gems
- Bond loosely fitted soft woods and balsa joints
- Build hobby models such as planes, cars, and boats
- Bond RC car tires
- Place and repair car trim and molding
- Make pens and turn wood
- Form a high-gloss polish on stones and petrified wood
- Bond fiberglass to a variety of materials
- Repair marble, granite, and quartz
- Glue and repair guitar inlays on the body and headstock
- Work with taxidermy

THE COMPLETE PACKAGE

WHAT IS INCLUDED IN STARBOND 16 OZ. CA GLUE PROFESSIONAL KIT?



EXTRA APPLICATORS



EXTENSION MICROTIPS



CLOG-FREE NOZZLE STOPPERS



EASY DISPENSING YORKER SPOUT



EMPTY 2 OUNCE BOTTLES



WHAT IS INCLUDED IN STARBOND 2 OZ. CA GLUE PRO PACK?



EXTRA APPLICATOR

FOR YOUR CONVENIENCE



EXTENSION TIPS

FINE MICROTIPS FOR PRECISION WORK



CLOG-FREE NOZZLE STOPPER

BUILT-IN NEEDLE PREVENTS CLOGS



PRODUCT SPOTLIGHT

Starbond KBL-500 Black Medium-Thick CA Glue is a flexible, rubber-strengthened, super glue that dries jet black. This amazing adhesive has impact and shock absorbing properties, and can expand and contract with its surrounding environment, making it the perfect glue for reconing speakers, hobby R/C car tires, woodturning inlays, and heavy-duty bonding. It's also ideal for hiding imperfections, filling dark voids, and accenting specific areas in your projects, particularly in spalted wood. KBL-500 can also be sanded down and polished to a high-gloss finish and will not crack in a malleable environment!

Professional Tip: Colored CA's have a longer bonding time because of the added rubber compound. It can take much longer than the typical minute or two to dry when large amounts of the adhesive are applied. We recommend our Starbond Accelerator to reduce the bonding and drying times.



VERSATILE

IT CAN BE USED ON MANY DIFFERENT SURFACES

Wood, metal, rubber, leather, ceramics, gemstones, rocks, minerals, carbon fiber, fiberglass, PVC, most plastics **and MUCH MORE!**

USE STARBOND BLACK MEDIUM-THICK CA GLUE TO:

- Create black accent designs on spalted wood and other projects
- Bond different materials to one another, such as wood, metal, glass, and rubber
- Blend into similarly colored surfaces
- Add polish and shine to your projects
- Glue tires and lock threads on R/C cars
- Bond top plate to the frame in speaker manufacturing – it can also attach: spider to cone assembly, dust cap to the cone, gasket to surround, surround to frame or cone, cone to coil connections, dressing lead wires to the cone, and can be used in select dust cap applications
- Repair and fill cracks, inclusions, voids, and knots in wood

STICK STUCK ON STARBOND

(Sponsored Post- Adhesives Provided by Starbond Adhesives. Opinions expressed are those of Brian and Arbor Vintage and not necessarily those of Starbond Adhesives.)

A few years back I did an initial review of my experience with Starbond Adhesives. Since that piece, I have tried a lot of different types of CA glues, and accelerators. Again and again, I keep coming back to Starbond.



If you're a woodworker and you're on social media, you've probably heard of Starbond. Their social media precedence is really impressive, and for good reason. Their products are a top tier game changers. After being restocked with the latest batch of Starbond, here's what I found since my last review.

What's Different-

Set time (With Accelerator)- One of my only initial complaints was the set time. It was too slow for my workflow. When I reach for CA glue it's usually because I'm making a jig, a shop project, or I'm doing quick void fills. The whole appeal of CA Adhesives is that they're fast. Starbond's new recipe is now pretty close to instant when you use accelerator. It sets fast and hard which is precisely what I'm looking for when I'm powering through shop builds.

Pump Activator Nozzle-

I love the option to use a manual pump version of the activator. I find that when I use a spray can style activator, it runs a very real possibility of running out of propellant before you run out of activator.



The pump spray accelerator I received this time had a completely different shaped nozzle. This shape was much better at directing the accelerator where I need it and was better at not getting clogged over time.

What's the same-

Extra Tips Caps, & Attachments- Starbond includes extra glue bottle tips, tops, and detail tip attachments with all their glues. I can't say enough how much I love this and shows a deep understanding and respect for the users of their product. Just including an extra tapered bottle top and cap was and is my favorite part of Starbond. I've thrown away glue bottles with plenty of adhesive still in the bottle because the tapered tip was so completely covered with dried adhesive that I couldn't put the cap on. I honestly think extra glue bottle tips should be an industry standard. Being able to toss another cap on has literally saved me a significant amount of money not having to rebuy glue bottles. All the extra tips and caps are such nice bonus and gives the user an opportunity to use CA glue for more fine detail work.

Open Time (Without Accelerator)- I love how long Starbond has an incredibly long open time if you don't use (or wait to use) the accelerator. It's not quite as long of an open time as a normal wood glue but it's by far the longest open time I've experienced with CA Glues. The one trade off to this longer open time is that Starbond tends to soak in more to the grain. This can be either a good or a bad thing depending on your project and wood choice. For me, not feeling like I have to rush is well worth a little extra sanding that might be required.

No Nasty Bubbles- Anyone who has used a little too much accelerator (especially with really thin CA glues) knows the horror of the white bubbles that are caused by a runaway chemical reaction. In addition, this reaction produces some pretty nasty fumes. I talk a little bit about this in my (initial post). I'm placing most of the blame on these runaway chemical reactions on the accelerator being used since that seems to be the biggest determiner on if a CA glue is likely to have this runaway reaction. I'm not saying I've NEVER had it happen with Starbond or Starbond's accelerator....but it's become so rare that it's no longer a constant concern when building. This is another huge point in favor of Starbond in my book. Those fumes are toxic, nasty, and the resulting white bubbles can absolutely ruin a void fill inlay.

Colors- Starbond is pretty much the only game in town that offers premixed tinted glues. I usually will do custom tints and matching saw dust void fills because it gives a custom look that matches my custom one-off pieces. However, there are plenty of times where being able to reach for an off-the-shelf solution is the fastest and simplest solution. This is especially true when doing void fills with darker woods such as walnut. The Medium Thick Black is great at doing fast void fills with black and claro walnut builds.

In Summary:

I'm a fan of Starbond. They make quality products that have a lot of value add features which helps set them apart from the rest of the pack. They've always been responsive and open when I have had questions or concerns. They're clearly always looking to improve their product lines and have always been very personable and friendly. Their success is well earned and deserved. I'm looking forward to working more with Starbond and showing off what they can offer your shop.

Until next time,

In sawdust we trust.

-Brian

