Tape for ceramic stones
Posted by Mikedoh - 04 Dec 2012 10:28

My ceramic stone fell off the platen last nite. Any suggestions on a good tape to stick it back on?

TIA

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Re: Tape for ceramic stones
Posted by Geocyclist - 05 Dec 2012 21:05

Enough said, it's luke warm water for me.

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Re: Tape for ceramic stones
Posted by FredHermann - 08 Dec 2012 11:03

I've had one of the stones fall off again, the other is solid still. So it appears junk 2 sided scotch tape works...for a while. I'm not going to assume this will be a permanent fix, but it's interesting to see how long the one lasts. Once it falls off, I'll compare and see if I can figure out why.

Clay, if you see this, when buying a set of blank handles, do you provide some tape, or perhaps will you put the tape on the accessories list? Worst case you never sell much, so you don't have to stock much, but we can compare and maybe find a local source. (just a thought)

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Re: Tape for ceramic stones
Posted by DKamp - 09 Dec 2012 10:17

I just had the exact same problem. Clay I sent you an email but I haven't yet to get mine wet. I took it out of the box that i keep all my stones in and it just fell off. My sharpening had to wait. But on a positive note i received the updated arms and I'm super stoked about it!

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Re: Tape for ceramic stones
Posted by wickededge - 09 Dec 2012 10:24

DKamp wrote:

I just had the exact same problem. Clay I sent you an email but I haven't yet to get mine wet. I took it out of the box that i keep all my stones in and it just fell off. My sharpening had to wait. But on a positive note i received the updated arms and I'm super stoked about it!

Dustin, great about the arms, I'm sorry about the stone. We'll get you some new tape. Elmer's glue actually works best of all things I've tried

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Re: Tape for ceramic stones
Posted by cbwx34 - 09 Dec 2012 10:31

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I've never used it on WE stones, but I've used 3M 77 spray on other waterstones I've attached to aluminum blanks that were soaked (a lot), without any issues. Have you tried that?

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Re: Tape for ceramic stones
Posted by FredHermann - 09 Dec 2012 22:22

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Looks like elmers the next time one comes loose..

I wonder if it holds because it plugs the screw void holes....

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Re: Tape for ceramic stones
Posted by wickededge - 10 Dec 2012 11:22

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FredHermann wrote:

Looks like elmers the next time one comes loose..

I wonder if it holds because it plugs the screw void holes....

The times I've seen the ceramics come off, the tape stayed on the handles, not the stones, so I think it's more about what will stick to those stones... I think the glue does a decent job of getting up into the pores of the stone maybe.

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Re: Tape for ceramic stones
Posted by xuzme720 - 10 Dec 2012 20:38

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wickededge wrote:

The times I've seen the ceramics come off, the tape stayed on the handles, not the stones, ...

Wow, that's completely the reverse of what I would expect. I would have thought the handles would be the issue, being what is essentially a self lubricating plastic. But if the tape isn't staying stuck to the stones, it probably needs more "creep" in the adhesive. 3M VHB is supposed to have generous amounts and is toted as being able to replace mechanical fasteners.

I am probably telling you something you already know, but I thought I'd throw it out there...

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Re: Tape for ceramic stones
Posted by FredHermann - 10 Dec 2012 21:45

[/quote]The times I've seen the ceramics come off, the tape stayed on the handles, not the stones, so I think it's more about what will stick to those stones... I think the glue does a decent job of getting up into the pores of the stone maybe.[/quote]

Nice observation Clay. That is exactly what is happening. The tape stays on the paddle, not the stone. Elmers...*chuckles*

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Re: Tape for ceramic stones
Posted by mr.cheapguy - 12 Dec 2012 01:17

Tapes rely on contact to make the mechanical bond, the more uneven/unpolished the surface the less mechanical bond there will be.

We used to use M77 to mount masks to blast granite stones and memorial markers. Then the cleanup would be with Naptha, cause that stuff didn't want to come off the stone.

Chances are high a good rubber cement for countertops/formica installation would work fine, you just need to bray it onto the paddle and the stone evenly, so you don't get any humps, or off angles, when pressed together.

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