Anyone had issues with ceramic stones coming off?

Posted by AndrewLippa - 29 Dec 2012 20:41

After a second use of the Micro Fine stones, the Course side of one of them came off of the hand-plate during an upward stroke. I have tried placing the stone back onto the adhesive tape that held it into place, but it simply won't hold anymore.

Has anyone else run into this problem with the ceramic (or any stones) before?

Would this constitute a defect in the product?

Thanks for your help!

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Re: Anyone had issues with ceramic stones coming off?

Posted by cbwx34 - 29 Dec 2012 21:58

Hey Andrew...

There was a thread on this not too long ago, with a bit of info...

wickededgeusa.com/index.php?option=com_k...d=7511&Itemid=63

The short answer... Email kyle@wickededgeusa.com about it, and he'll send you some replacement tape.

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Re: Anyone had issues with ceramic stones coming off?

Posted by wickededge - 31 Dec 2012 16:48

We just got some new samples in from 3M that we'll test this week to see if they hold the stones better, especially after they get wet.

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Re: Anyone had issues with ceramic stones coming off?
Posted by MatthieuMethot - 31 Dec 2012 17:04

My 1000 grit stone came off, but I was able to stick it back on. I would be interested in what clay comes up with.

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Re: Anyone had issues with ceramic stones coming off?
Posted by AndrewLippa - 01 Jan 2013 13:18

There was some interesting research on how gecko feet stick to non-porous surfaces and they found, based on microscopy and biochemical tests, that they hold on because gecko feet are covered with nano-hairs that hold (for people who are interested, by Van der waals forces www.scientificamerican.com/article.cfm?i...n-gecko-toe-adhesive
) and scientists were able to reproduce the structure to make self-cleaning tapes.

Unfortunately, these gecko-tech-based don't hold onto wet surfaces. So they then figured out how mussels are able to cling to the sides of even wet surfaces and combined the mussel glue (news.nationalgeographic.com/news/2007/10...8-mussels-stick.html
) with gecko-tape and developed a tape that holds onto anything, even when wet.

Clay, got any of that stuff?

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Re: Anyone had issues with ceramic stones coming off?
Posted by Mikedoh - 01 Jan 2013 13:26

I have some Gorilla Glue holding my ceramic on. We'll see how it works since it's not supposed to bond well to the type of plastic used in the platens (polypropylene).

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Re: Anyone had issues with ceramic stones coming off?
Posted by AndrewLippa - 07 Jan 2013 17:17

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wickededge wrote:

We just got some new samples in from 3M that we'll test this week to see if they hold the stones better, especially after they get wet.

I just received some replacement tape in the mail today. I remember that you mentioned each side of the tape is designed to hold one of either the ceramic or the plastic. Is there a way to tell which is which? The is one side facing the sheet that several strips are adhered to and the one facing you when viewing the strips.

Thanks!

Andrew

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Re: Anyone had issues with ceramic stones coming off?

Posted by wickededge - 08 Jan 2013 11:05

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AndrewLippa wrote:

wickededge wrote:

We just got some new samples in from 3M that we'll test this week to see if they hold the stones better, especially after they get wet.

I just received some replacement tape in the mail today. I remember that you mentioned each side of the tape is designed to hold one of either the ceramic or the plastic. Is there a way to tell which is which? The is one side facing the sheet that several strips are adhered to and the one facing you when viewing the strips.

Thanks!

Andrew

Hey Andrew, I'm glad it came in. Stick the tape to the stone, then peel the paper off and stick to the handle. Please let me know if you have any other issues.

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Re: Anyone had issues with ceramic stones coming off?

Posted by FredHermann - 08 Jan 2013 21:47

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wickededge wrote:

We just got some new samples in from 3M that we'll test this week to see if they hold the stones better,

especially after they get wet.

if this is the 3m tape that ships with blank paddles, the stones won't like it. Mine don't anyways....

Also, Kyle is awesome! I emailed for some tape and he got it to me incredibly fast.

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Re: Anyone had issues with ceramic stones coming off?

Posted by Mikedoh - 08 Jan 2013 22:42

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Gorilla glue is still holding my 1.4 ceramic.

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