

PVA Quick Change "QC"

DRY MARBLE EDGE POLISHING WHEELS

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PVA "QC" is Alpha's **slow speed Dry Marble Polishing series**. It is designed for use on slow RPM (4,000 or less) sander or polisher type machines. **PVA comes in 5 grits**. These grits are 40, 80, 220, 400 and 600, and are called **extra-coarse, coarse, medium, fine and extra-fine**. *PVA is used for dry polishing on edges, curves and irregular shapes of marble.*

These wheels will replace hundreds of sanding discs and sandpaper. They are particularly good for contour work, shaped edges and routed details. PVA wheels are great for sink rims and other difficult to work irregular surfaces, as well as shining up the exposed edges of marble floor tiles. The flexibility of the PVA will help to prevent damage such as scratching and scuffing of expensive marble.

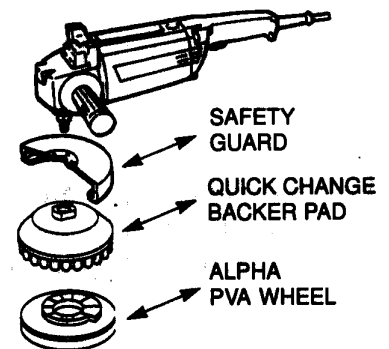
PVA is not recommended for use on flat areas; swirl marks due to the rigidness of the abrasives will yield poor results on flat marble. Also, PVA cannot be used on granite-only marble.

Intended for final blending and polishing, they do not replace sanding belts or grinding wheels. The best results and longest life are achieved if you do not press hard-just touch lightly. Too much pressure will serve no purpose and the wheel will heat up and wear out too fast.

HOW TO USE

1. Cut work piece to size.
2. Clamp work piece securely to prevent vibration.
3. Shape edges to desired pattern with ALPHA PVA EXTRA COARSE (White), or Alpha Dry Diamond Grinding Wheels, or Alpha Profile Wheels.
4. Take time to carefully prepare the work piece as much as possible. PVA Finer Grit Wheels will not work properly over gouges, scratches and rough areas.
5. Starting with PVA Coarse (Red) lightly run the wheel over the marble. Do not push down, and don't use water.
6. Continue polishing with Medium (Blue), Fine (Green), and finally Extra-Fine (Yellow).

FOR SANDER/POLISHER
(DO NOT EXCEED 4,000 RPM)



COMMON QUESTIONS

Can I polish granite using PVA?

No. PVA is designed to polish soft material such as marble, travertine and onyx. Granite is a dense material and will away wear the PVA by causing the wheels to heat up and melt away. For Granite polishing use Alpha's wet polishing system for granite - Ceramica/Ceramica EX.

Can I use water while polishing with PVA?

No. PVA is designed for DRY polishing only. If you get it wet, it will act like a sponge and expand. PVA will be dangerous to use in this condition and may possibly disintegrate.

How do I mount PVA "QC" onto the grinder?

The PVA-5/8 backer pad is sold separately. It has 5/8" -11 threads on one side and uses a special "snail lock" adapter to hold the PVA Wheel. This backer pad has a snail lock adapter which spins right on your 5/8" - 11 thread on your sander / polisher machine. PVA "QC" series easily snail locks right into the adapter making it easy to change grits. It is very important not to use this product on a high speed tool.

What are the grit numbers of the PVA and which order do I use them?

The grit and color sequence is as follows: White (40), Red (80), Blue (220), Green (400) and Yellow (600).

Can I skip grits?

No. PVA is designed to be used in sequence. Skipping certain grits will make the time process longer and the life of your abrasives short due to unnecessary usage. Also, the job you do will not be as good.

Should I use a buffing compound or wax to finish up?

No, one of the really nice advantages of PVA is the beautiful finish it gives without using any wax.

Can I use this product on a high speed grinder, I such as the Little Makita (No. 9501B)?

No. The maximum safe speed is 4,000. (Alpha sells a high speed PVA that will work on that Makita tool)

Does the backer pad come in other arbor sizes?

Yes, for certain imported tools we offer 2 metric threads, M14 and M16.

What tools do these quick change wheels fit on safely?

These wheels will work on "most common" variable speed tools when used at the lower RPM ranges less than 4,000 RPM. Aside from low speed polishing tools such as the Alpha AWP-158 and AIR-658, the following is a list of common popular tools that PVA Quick Change will work on.

Makita # 9207 SPC 7" Sander / Polisher

Bosch # 9250 5" Angle Sander / Grinder

AEG # WP1900 7" Polisher

Milwaukee # 5460, 5540, 5455, 5535 Polishers

I am using a assortment kit and the white wheel wore out before the others, can I purchase PVA in single pieces?

PVA "QC" is sold five pieces per box. Some dealers will sell you 1 pc, however you may be better off purchasing 1 box of each color or grit. Especially if you plan on using the PVA wheels often.

Can PVA be used on metal?

Yes, PVA works very well on many different type of metal especially stainless steel. As a matter of fact, PVA was initially designed for the metal industry.

What is in the little bag that is packed with each wheel?

It is drying compound that prevents the PVA wheels from absorbing moisture.

HELPFUL HINTS

PVA should be used to polish in **one direction** making sure the you remove all prior scratches before moving on to next grit.

Shape the stone to the desired pattern using a profile wheel or a diamond grinding wheel. On very soft marble you may use the extra-coarse (white) grit to help shape and blend.

Use just a light touch and let the wheel glide along the stone. Pressing too hard will cause the PVA to heat up.

PVA is a special cushioned material which prevents bouncing, if bouncing occurs, check to make sure that the backer pad is properly attached to the spindle and the PVA "QC" wheel is properly locked. (refer to chart on page one)

Polishing to a high degree is accomplished very quickly. Always use the wheel at a slight angle (15 degrees) never flat.

New contractors will quickly learn to use PVA and will be surprised at how simple the product is to use.

*Try Alpha "CERAMICA" and "CERAMICA EX" Diamond Discs for Granite or Porcelain

ALWAYS WEAR EYE PROTECTION AND PROPER PERSONAL SAFETY EQUIPMENT WHEN USING THIS PRODUCT.