Alpha Professional Tools®

Technical Notes

Profiler E-Series

Be the first in your field to take advantage of the new technology and design developed exclusively by Alpha Professional Tools® for edging countertops, sink rims, window sills, steps and door saddles. Introducing the Alpha® Profiler E-Series; designed to create a Hollywood Bevel edge that will put you way ahead of the competition. Profiler E-Series produces a uniform Hollywood Bevel profile of 1" on all types of granite, marble and engineered stones. Like all other Alpha® Profilers currently in use in your fabrication shop, the Profiler E-Series is easy to use and fits on most water-fed polishers. The nylon guide and rotary touchier design produces a consistent desired result expected by experienced craftsmen.Establish your reputation as the best in the fabrication industry by using the Alpha Professional Tools® Profiler E-Series.

Part No.	Size	Maximum RPM	Arbor	Shape
PFE001	1"	3,500	5/8"-11 Threaded	20 degree bevel

How to Use

Press nylon guide down firmly on top of material and turn on polisher. Always apply sufficient downward pressure to prevent nylon guide from spinning. (Nylon Guide should not "Spin Freely" during operation). The purpose of the nylon guide is to ensure the Alpha® Profiler remains at the proper height so the profiled edge remains straight. The ball bearing/rotary touchier within the Alpha® Profiler will control the depth of the grinding action to ensure that the profiled edge remains straight and consistent. The application is complete when the operator no longer hears a grinding noise, and the run-off water is clear.

Frequently Asked Questions (FAQs)

What materials can the Alpha® Profilers be used on?

The Alpha® Profilers may be used on the following materials: Granite, Engineered Stone, Porcelain, Marble and Limestone.

Is the Alpha® Profiler used wet or dry?

All Alpha® Profilers are to be used for wet applications only.

Can I use the Alpha® Profilers on a high-speed grinder?

No. Alpha® Profilers may not be used on high-speed grinders due to high RPM speed and no internal water-feed supply. The maximum RPM for the Profilers is 3,500 RPM and our Profiling Wheels are designed for low RPM wet polishers such as the Alpha® pneumatic polisher (AIR-658) and our Alpha® electric water-feed polisher (AWP-158 & VSP-110) which have the optimum RPM range for using the Profilers. Also, an external water-feed system is not recommended since this will not distribute water evenly onto the Profiler during profiling applications.

What applications are the Alpha® Profilers recommended for?

Alpha® Profiler E-Series is recommended for use on 2cm, 3cm & 4cm material for countertop, sink rim, window sills, steps and door saddles.

How does the Profiler give you a straight line across surface of material?

The ball bearing/rotary touchier within the Alpha® Profiler controls the depth of grinding during application to ensure the final profiled edge will be straight. NOTE: Profiling is complete when the operator no longer hears a grinding noise, and when the run-off water is clear.

What keeps the Profiler from dipping?

The nylon guide will keep the Profiler from dipping during application. Pressing the nylon guide down firmly on the top of the material while having the operator keep this guide flat and level to the surface of the stone, will ensure that the Profiler will not dip during application.

Can I purchase this nylon guide separately and replace my old worn out guide?

Yes, you may purchase this nylon guide through the Authorized Distributor of Alpha® Products where you purchased your Alpha® Profiler. The part # for this nylon guide is: PFBNG01.

What is the life expectancy of the Alpha® Profiler?

The life of the Profiling Wheel will vary depending on the different classifications of granite hardness. Our Profilers achieve very long life and have fast grinding action due to the "Vacuum Brazed Technology". Vacuum Brazed diamonds give you aggressive grinding action and longevity, without losing the shape of the profile, unlike Direct Sintered profilers on the market.

Can Alpha® Profilers be used on concrete?

The Alpha® Profilers can be used on concrete; however; due to the abrasive nature of concrete, life of the wheel will be extremely short.

Can I use the Alpha® Profilers on a Park Industries Wizard/Deluxe machine?

Yes, the Alpha® Profilers can be used on these machines since the spindles are 5/8"-11 threaded.
The maximum RPM range for the main spindles on these machines is 3,500.

I want to create a "Hollywood Bevel" on my sink, when should I use the Profiler E Series, before or after the Profiler Z Series?

If you created the sink hole by manual operation using a contour blade, we recommend using the Profiler Z-Series (Zero Tolerance Wheel) to create a smooth vertical edge on the material prior to using the Alpha® Profiler E-Series. A clean smooth vertical edge will allow the ball bearing of the Profiler E-Series to run across smoothly to create the perfect "Hollywood Bevel", with no ripples.

Which abrasive should I use to polish after profiling using the Alpha® Profiler E Series?

If you created a "Hollywood Bevel" on a sink bowl, we recommend using the Alpha® Ceramica or Ceramica EX abrasives since they are flexible and will polish the curved areas of the sink bowl shape. If you created a "Hollywood Bevel" on a straight edge, we recommend using the Alpha® Twistouch Turbo polishing wheels.

Helpful Hints

- Use of a C-Shape handle is recommended for this application. Alpha® Profilers are WET USE ONLY for LOW-SPEED applications. Do not allow the nylon guide to free-spin during application as scratches on the surface of material may occur from slurry residue. The Alpha Professional Tools® logo on the nylon guide should be clearly displayed during profiling application when using the Alpha® Profiler correctly.

- Use plenty of water during application. Use of water will flush away excess slurry from surface.

- For proper use of the Alpha® Profilers, see attached "How To Use".

Reference

For more product information, visit us on the web at www.alpha-tools.com.