

## 5 Step ATS Diamond refinishing pads

These pads are designed primarily for refurbishment work. They are fairly rigid sponge pads with segments of diamond impregnated resin attached to the surface. Although they can be used as a replacement for higher grits of traditional resin diamond pad after the 400 grit stage, for creating a high shine.

The advantage of this type of pad over a traditional resin polishing pad is the resin does not have to be worn away to expose the diamond to polish. That makes these pads much easier to use on softer stone such as marble or travertine as well as on harder products such as granite.

They can be used dry or with a mist of water, but there is no need to use them with a full water fed polisher.

These pads are not suitable for use on engineered stone or manmade Quartz.

They are perfect for face polishing previously polished natural stones that have worn and dulled with use. Also refurbishment work in wet areas such as bathrooms and showers where acid or alkali cleaners cannot be used to address lime scale and soap residues. They will re polish dulled surfaces and remove fine scratches but they will not remove deep scratches or chips. You would need to run coarse resin pads to remove deep damage, then refinish with these pads. A deep scratch you'll be able to feel with your fingernail.

Maximum speed of operation is 4000rpm.

They are Velcro backed for use with a traditional backer pad.

The pads are numbered from 1 through to 5.

Each pad corresponds to traditional diamond grits as follows:-

**#1** – Similar to 400 grit – removing heavy lime scale, general cleaning and the first step of re polishing dulled areas.

**#2** – Similar to 800# grit – removing light lime scale and soap residue or the first step of polishing very lightly scratched or dull surfaces.

**#3** – Similar to 1500# grit – removing scratches produced by the #2 step pad and creating a medium polish.

**#4** – Similar to 3000# grit – final stage of fine polishing for most natural stone products.

**#5** – Similar to 5000# grit – Very fine polish, generally only required when a very high degree of polish is required.