# NIVERSAL PHOTONICS

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PHANTOM FIXX PADS are engineered to remove small scratches, scuffs, and stains from glass by subtracting the material surrounding the scratch or in the case of hazing and scuffs, subtracting the damaged areas. While the removal process requires only water, it is water that activates the polish impregnated pad. This chemical reaction, along with the mechanical action provided by the rotation of the tool, facilitate quick removal, leaving your glass surface in like-new condition.



### WHAT YOU WILL NEED:

Standard orbital sander equipped with hook-backed mount to receive loop-back of the 2" PHANTOM FIXX PAD.

> Caution - Water is required when using the Phantom Fixx Pad. A pneumatic orbital polishing tool or water proof, electrical orbital polishing tool should be used.

- Spray bottle of tap water.
- Sponge; cut in center (optional).\*

TIP: \*A sponge with an open area cut in the center to retain water in your working area can also be used. Keep the sponge wet and press the sponge to release water as required.

FOLLOW ALL STANDARD SAFETY PROCEDURES, including the use of appropriate protection equipment for eyes, respiratory, and skin.

#### STEP #1:

Attach the 2" Phantom Fixx Pad to the same-sized mount of your orbital sander. Hook/loop together.

## STEP #2:

Using a spray bottle filled with tap water, spray surface to be polished until wet. This is necessary to assure the pad's impregnated polishing agent is activated and adequately released onto the polishing surface. A wet work surface must be maintained throughout the polishing process.

NOTE: Maintaining a wet work area throughout the process is important, and may require some experimentation to determine the right amount of water to use. Too little may result in overheating, while too much water can over-dilute the impregnated polishing compound. If pads are to be reused, we recommend they are thoroughly dried before storing.

FAILURE TO MAINTAIN A WET SURFACE MAY CAUSE DAMAGE TO THE POLISHING SURFACE AND PAD.

#### STEP #3:

Operate tool (sander) with the Phantom Fixx Pad affixed, on the surface to be polished, keeping the pad in one spot, no longer than 20 to 30 seconds.

NOTE: Running the tool in short, timed increments prevents overheating and helps maintain adequate water supply. Timed increments can be increased/decreased based on initial results and performance.

Pad surface should be flat and level against surface being polished. Using a circular motion and firmly applying pressure, continually move tool when in contact with the surface being polished. Use caution to prevent pad from contacting areas not being polished.

NOTE: Some experimentation may be required to maintain firm pressure (measuring app. 2 – 3.5 PSI.) Not enough pressure may require more time to obtain the desired results, while too much may cause overheating and damage to the polishing surface and pad.