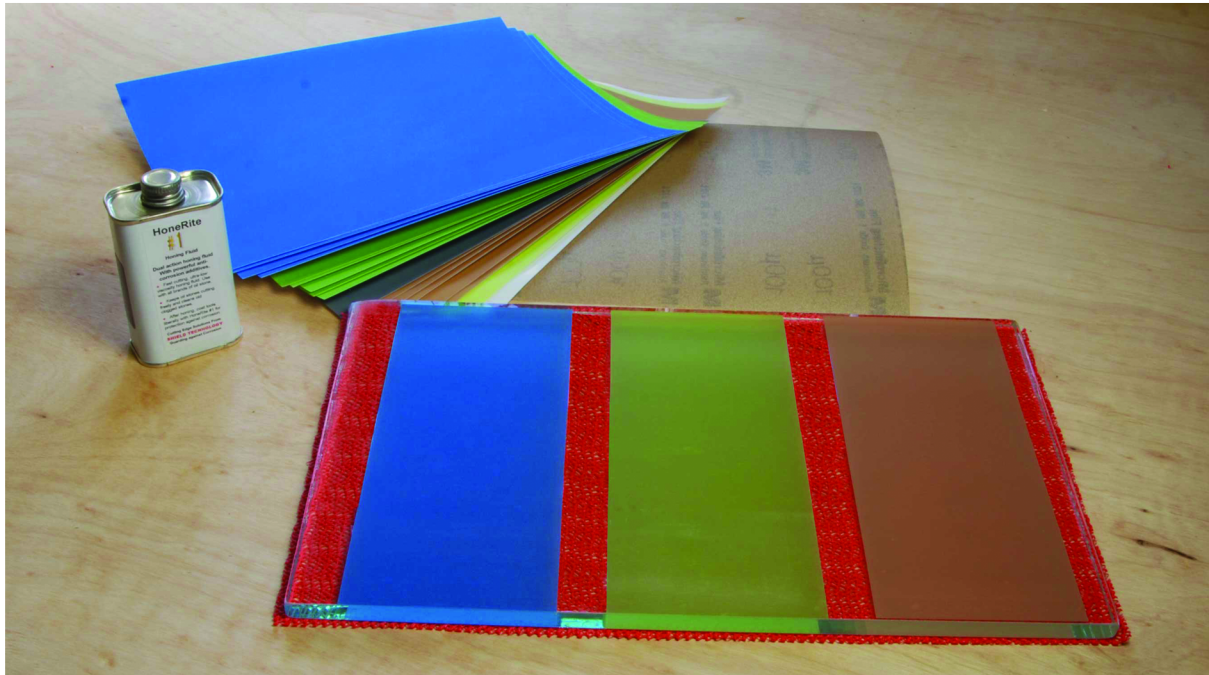


WORKSHOP HEAVEN

Fine Tools

Scary Sharpening

The Workshop Heaven Scary Sharpening system is very flexible and can be adapted to suit your individual requirements. The kit includes examples of all the grades that we offer, so you can experiment with different combinations or even use both sides of the glass to work through all of the grades.



Our recommendation is to use the 40, 30 and 5 micron films for day-to-day sharpening of chisels and plane irons, a couple of light pull strokes on each should be all that is necessary for a well prepared blade.

Grinding

The 100 micron film is used for regrinding primary bevels and the initial stage of lapping. We recommend using PVA to stick the 100 micron film to a piece of MDF, which is sufficiently flat for the vast majority of coarse work and provides a stronger bond to hold the film in place.

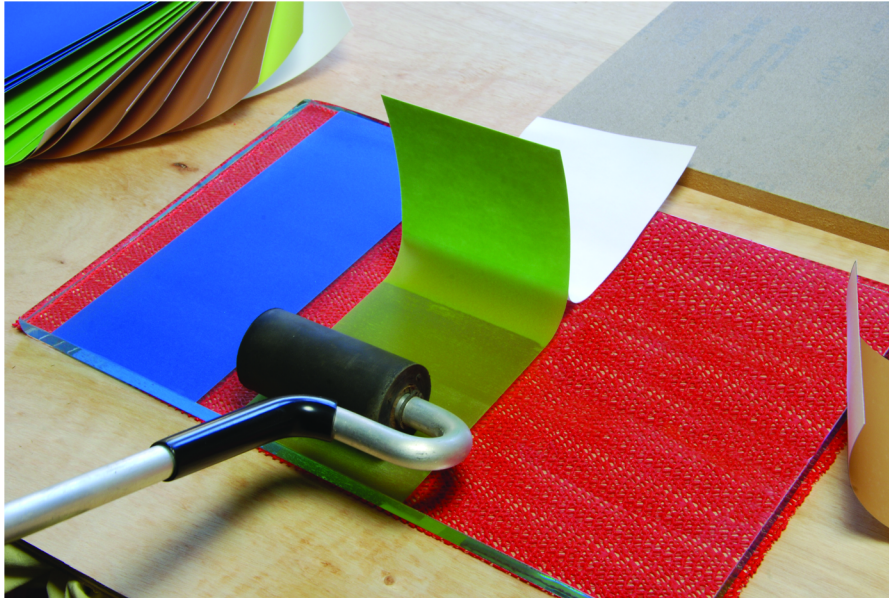
Lubrication

The film will last longer if lubricated; you can use water, baby oil, paraffin or camellia oil, among other things, but the best product we have tried is Shield Technology HoneRite No.1, a low viscosity honing fluid with added corrosion inhibitors.

We like this product because it evaporates completely, so the film does not attract dust after use. Wetting the film with HoneRite No.1 and wiping it off with a lint free cloth will remove accumulated metal from the surface and rejuvenate your lapping film. Wiping a little onto your tools after sharpening and allowing it to evaporate will leave a microscopic film of corrosion inhibitor on them, helping to keep rust at bay.

WORKSHOP HEAVEN

Fine Tools



Preparation

Cut the lapping film into strips at least as wide as your broadest blade. Ensure that the surface of the glass is clean and dry, then peel off the backing and carefully lay the strips onto the glass taking care to avoid trapping any air bubbles under the film. You can use a roller, (a glue bottle makes a good alternative – or just smooth it down with your fingertips). Once the backing is removed the adhesive will stick fast to anything it touches, so it pays to be careful and methodical.

Sharpening

Apply the bevelled side of the blade to the surface, with the heel slightly elevated so that only the tip makes contact and do two or three light pull strokes on each grade. Once you have a shiny line, turn the tool over and gently wipe away any burr that has formed on the underside. For chisels this should always be done flat on the abrasive.

For plane irons you can use David Charlesworth's ruler trick – slipping a thin ruler under the blade so that only the edge makes contact. If you have a nicked edge, grind it back using the 100 micron film first, then proceed through the other grades as normal.

Storage

After use, store the glass in a polythene bag, this will help to ensure that it is free of dust and debris the next time you come to use it.

Safety

The glass supplied in the Workshop Heaven Scary Sharpening kit is called float glass, which is made by floating molten glass in a bath of molten tin, and is therefore as flat as the surface of the Earth. Toughened glass has to be passed through heated rollers which can distort the glass and affect flatness.

The float glass is thick enough to be quite strong, but since it is not toughened, if it does break it will splinter.

We hope you will enjoy using really really sharp tools!