

MICA FILE TRIM BIT INSTRUCTIONS

To get the maximum results from a “Mica-File” bit we recommend the following. First, you need a good fixed base router so that the bit will be perpendicular to the base at all times, otherwise the cut will be inconsistent as the base changes position with the material being cut. Second, flush cut the mica over hang with a standard flush trim bit rather than the “Mica-File” bit. A flush trim bit is less expensive and will guarantee that your “Mica-File” bit will last longer. If you wish to eliminate the flush cut operation, make a second pass with the “Mica-File” for additional smoothness and accuracy.

TO ADJUST the “Mica-File”:

Select a sample workpiece with the same mica as the mica to be trimmed. Adjust the baseplate of the router vertically so as to expose the bearing and approximately 1/8" of the cutting edge of the “Mica-File” bit below the baseplate. Make a sample cut on the sample workpiece and adjust the bit vertically, either up or down, until the resulting cut does not leave any mica protruding past the edge and the edge is smooth. At this time, the bevel built-in the “Mica-File” will slightly trim off the top edge of the mica producing a super smooth edge and eliminating the need to hand file the corners.

Before cutting your “good” workpiece, be sure to clean the edges of the counter, cabinet door, etc. by removing excess contact cement in order for the bearing on the “Mica-File” to have a smooth surface to run on. (If the bearing runs over glue bumps, you will not have a smooth finish.)

Note: A few extra seconds making careful adjustments will pay big dividends by saving yourself valuable time over hand filing and at the same time producing consistent, finished edges.