

KLINGSPOR Recommended Grit Sanding Sequence

It's common in wood sanding to begin with a coarser grit to level out the surface and then move through the grit range to the final desired pass.

60 Grit

100 grit

150 grit



The initial sanding pass (60g) removes scratches, gouges, and flattens the surface, but leaves deep valleys, which must be removed.



The second sanding pass (100g) simply removes part of the peaks left by the first pass. The valleys remain the original depth.



The 3rd pass (150g) removes the remaining peaks left from the previous two passes, leaving a smooth, even surface. Depending on finish requirements, the process can continue on through the grit range.

With time being money, many try to save it by skipping grits in the sequence. This will lead to more time being spent fixing the final finish (scratch pattern) left after making this mistake. See below for an example of how this will impact the scratch on the surface. KLINGSPOR suggests not skipping more than one grit in the sequence.

60 Grit

150 grit



The initial sanding pass (60g) removes scratches, gouges, and flattens the surface, but leaves deep valleys, which must be removed.



Notice how skipping the 100 grit and going straight to the 150 only removes the tops of the peaks, while leaving the deep valleys. This produces a very bad finish, which is sometimes not noticed until the finish is applied.

The proper method in choosing the grit sequence is to begin with the finest grit required to remove the initial scratches and surface imperfections. The coarser the grit used at the start, the deeper the scratches that must be removed. From there you can skip one grit in the sequence until you reach your desired final grit. EX. 60 grit is the required first grit and 220 grit is where you want to end. Begin with 60, followed by 100, 150, and 220 (skipping 80, 120, & 180 grit).



Grit		Application
40-80	Coarse	Material removal
100-150	Medium	Leveling
180-500	Fine	Finishing
600-1500	Micro	Fine sanding



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