

PERFECT FINISH: GLOSS

QUICK INSTRUCTIONS & TIPS

“With Perfect Finish you can achieve a gloss finish on solid surface in 3 steps!”

Recommended Equipment

- 6" Porter Cable 7424XP outfitted with the CRE6 6", 6-hole back-up pad
- Water Spray/Misting Bottle
- Shop Apron
- Small Bucket
- Squeegee
- Microfiber Towels or Soft Clean Shop Towels

Supplies

- 6" 3M 60 Micron film disc
- 6" 3M 30 Micron film disc
- 6" Green Scuff-N-Buff Pad



Getting Started:

Take a Porter Cable 7424XP or equivalent sander and install the CRE6 6", 6-hole back-up pad.

For best results turn the speed control knob on the sander to the highest setting.

Apply 10-12lbs of pressure while sanding. You should hear an audible change to the sound of the sander indicating that it is working properly. A light touch only results in more time spent sanding!

If a different sander is used, make sure it has a MINIMUM 3/16" stroke. The PC 7424XP has a 3/8" stroke resulting in more aggressive sanding with less time.

If there are scratches initially in the solid surface sheet work them out with 60 micron ONLY.

1 sheet of micron paper will sand 30sq/ft of material.

STEP 1 – 60 Micron Sanding

For all brands of solid surface, begin sanding from the sheet's factory finish (after protective plastic film is removed) with a 3M 60 micron film disc. DO NOT SAND THE DECK WITH A COARSER GRIT. If you do, you will create more work and not end up with a great looking finish due to the coarser grit lines left behind.

While sanding, periodically spray a water mist onto the holes of the CRE6 backup pad to flush away sanding residue build-up to ensure the micron disc is sanding at maximum efficiency. Sand in the normal North-South, East-West patterns. Apply 10-12lbs of pressure to the sander to make sure it is working optimally. Make at least 3 complete passes over the sheet. This creates the foundation for a quality finish.

TIP: Wet sanding keeps the sheet surface cool, reduces "gummy" sanding disc residue build-up thereby ensuring a better finish and longer disc life, and no airborne dust is created since everything is captured in the water slurry. The only challenge to wet sanding is it can be messier at first so wear a shop apron while learning.

When finished, thoroughly clean the sheet surface using the squeegee and water bottle to wipe all sanding residue into the bucket. Next, wipe the sheet surface clean using a microfiber or clean shop towel. It is very important to avoid grit contamination between steps – clean thoroughly, including the CRE6 backup pad and squeegee!

STEP 2 – 30 Micron Sanding

Place a 3M 30 micron film disc on your sander. While sanding, periodically spray a water mist onto the holes of the CRE6 backup pad to flush away sanding residue build-up to ensure the micron disc is sanding at maximum efficiency. Sand in the normal North-South, East-West patterns. Apply 10-12lbs of pressure to the sander to make sure it is working optimally. Make at least 3 complete passes over the sheet.

STEP 3 – Perfect Finish Sanding & Polishing:

Place a 6" Green Scuff-N-Buff pad on your sander.

SHAKE THE PERFECT FINISH BOTTLE WELL BEFORE EACH USE.

Drizzle a little Perfect Finish (satin) onto the deck. Water mist the Green Scuff-N-Buff pad and Perfect Finish compound using a spray bottle. Begin sanding by distributing the Perfect Finish evenly over the entire area to be worked. Keep the Perfect Finish damp by periodically spraying a light water mist onto the sheet surface so there is a light slurry. Do not let it dry out and do not use too much water. Make at least 5 complete passes over the sheet in any pattern you choose.

NOTE: The surface will now be approaching a semi-gloss finish. You can pause to squeegee a small section. Study the reflection of an overhead or ambient light on the surface -- looking for clarity and crispness. If you are pleased with the finish you can stop here and squeegee the entire surface and wipe clean.

To obtain a gloss finish continue sanding but stop spraying the water mist and allow the surface to dry. After a few minutes you will see the surface begin to 'flux' between wet and dry as the green pad dries. Continue sanding using ample pressure until the surface is completely dry and a haze develops.

Continue sanding and apply even more pressure on the sander to generate additional friction and heat on the sheet surface. After several minutes you will break through the haze revealing a vibrant, gloss surface finish. Sand until the haze has been completely removed and you are satisfied with the finish. Perform a final surface cleaning using a clean microfiber or shop towel.



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