

# SOLID SURFACING BY FORMICA GROUP / POLISHING TECHNICAL BRIEF



## EQUIPMENT

### SANDERS

Random orbital air or electric powered. Note: Air can be used for wet or dry sanding. Electric powered sanders should not be used for wet sanding.

### POLISHER

Porter Cable, model 7401 or 305, 7" (17.8cm) polisher or equivalent, Equipped with 3M Back-up Pad #05717.

### BUFFING PADS

For #051144-7734 compound: 3M Hookit™ SBS Compound Pad #05712 (off white). For #051144-81235 finishing material: 3M Hookit™ SBS Polishing Pad #05713 (yellow).

### ABRASIVES

Use 5" or 6" (12.7 or 15.2cm) 3M Imperial™ Microfinishing Film Discs in the following micron sizes (listed in order of use): 100µ, 60µ, 30µ, 15µ

Can be used wet or dry, but wet sanding gives the most uniform results.

### POLISHING COMPOUND

1st: 3M Finesse-it™ Compounding Material, part #051144-77340  
2nd: 3m Finesse-it™ Finishing Material – Easy Clean-Up, part #051144-81235

## BASIC PROCEDURES

### SANDING

**Step 1:** Sand with 100µ. Use this to remove scratches, etc. left from handling, routing, etc. Note: Air can be used for wet or dry sanding. Electric powered sanders should not be used for wet sanding.

**Step 2:** Dust or squeegee, then clean with a damp cloth. Dry with an air hose or paper towel.

**Step 3:** Repeat steps 1 & 2 with 60µ.

**Step 4:** Repeat steps 1 & 2 with 30µ.

**Step 5:** Repeat steps 1 & 2 with 15µ.

### POLISHING

**Step 1:** Apply Finesse-it™ Compounding Material #051144-77340 to the surface of Formica® Solid Surfacing and work with the #05712 Hookit™ SBS Compound Pad (off white). The technique is the same that is used for auto paint finishing.

**Step 2:** Remove excess compound with a damp cloth.

**Step 3:** Apply Finesse-it™ Finishing Material – Easy Clean-Up #051144-81235 to the surface and buff with the #05713 Hookit™ SBS Compounding Pad (yellow).

## TECHNICAL SERVICES

Technical assistance may be obtained through your local Formica® Solid Surfacing distributor or from Formica Corporation trained representatives in sales offices throughout the country. To assist these representatives, Formica Corporation maintains a sales technical services staff in Cincinnati, Ohio. For technical assistance, contact your distributor or sales representative; write the company directly at Formica Corporation Technical Services Department, 10155 Reading Road, Cincinnati, OH 45241; call 1-800-FORMICA™ or fax (513) 786-3181 or visit our website at [www.Formica.com](http://www.Formica.com). In Canada, call 1-800-363-1405. In Mexico, call (525) 530-3135.

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GreenGuard Environmental Institute  
Formica® Solid Surfacing is GreenGuard Indoor Air Quality Certified under the GreenGuard Standard for Low-Emitting Products.

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