



### 1. Product Name

■ Somerset Solid Wood Flooring Collections

- Classic
- Character
- Color Plank
- Color Strip
- High Gloss
- Homestyle
- Specialty

### 2. Manufacturer

Somerset Hardwood Flooring  
 PO Box 1355  
 Somerset, KY 42502

Phone: 877-404-9663

Fax: 606-678-0283

Website: [www.somersetfloors.com](http://www.somersetfloors.com)

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### 3. Product Description

#### Basic Use

Hardwood flooring is made in the USA for light commercial and residential applications. Somerset Hardwood Flooring is a Forest Stewardship Council (FSC) certified company, adhering to best forest management practices, thereby assuring that Somerset products are environmentally responsible.

#### Composition and Materials

Somerset solid wood flooring is solid construction produced from domestically grown and harvested Appalachian hardwood and affiliated with the National Wood Flooring Association, (NWFA). A variety of North American species are available.

All Somerset solid wood flooring carries a 50-year finish (residential) and 5-year finish (light commercial) wear layer warranty. All Somerset floors carry a lifetime structural warranty.

#### Benefits

Factory-finished flooring offers a consistent, high quality finish, significantly faster job completion without the excessive dust, finish off-gassing and prolonged cure times of onsite finishing.

See Table 1 for additional features.

#### Sizes

All Somerset Solid flooring is a ¾ inch (19 mm) thickness. See Table 1 for face widths and plank lengths.

#### Grades

Classic, Color Plank, Color Strip, High Gloss, Homestyle and Specialty Somerset solid flooring consists of a proprietary grade that meets or exceeds NOFMA Standard.

The Character Collection includes, but is not limited to, small open knots, mineral streaks, worm holes, heartwood, sapwood and burls. See Table 1 for further information.

#### Colors/Finishes

All Somerset solid hardwood flooring is finished with the Ultimate™ Finish—an advanced, abrasion-resistant, UV-cured formulation of aluminum oxide and urethane.

For appearance, wood and stain finishes, see Table 2.

#### Accessories/Moldings

- Quarter round
- Stair nose
- Threshold
- T-Mold
- Reducer

#### Product Limitations

- Solid hardwood flooring may be installed on or above grade
- Solid hardwood flooring requires a dry environment beginning prior to delivery and ongoing if it is to perform in service

**Table 1—Technical Data for Somerset Solid Wood Flooring**

|                               | Classic                             | Character                                      | Color Plank              | Color Strip               | High Gloss                | Homestyle                | Specialty                |
|-------------------------------|-------------------------------------|--|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| <b>Species</b>                | Red Oak                             | Walnut<br>Hickory,<br>Hard Maple,<br>White Oak | Red Oak,<br>White Oak    | Red Oak,<br>White Oak     | Red Oak,<br>White Oak     | Red Oak,<br>White Oak    | Hickory,<br>Hard Maple   |
| <b>Thickness</b>              | 3/4" (19 mm)                        | 3/4" (19 mm)                                   | 3/4" (19 mm)             | 3/4" (19 mm)              | 3/4" (19 mm)              | 3/4" (19 mm)             | 3/4" (19 mm)             |
| <b>Widths</b>                 |                                     |  |                          |                           |                           |                          |                          |
| 2 1/4" (57 mm)                | Yes                                 | —  | —                        | Yes                       | Yes                       | Yes                      | Maple                    |
| 3 1/4" (83 mm)                | Yes                                 | Yes  | —                        | Yes                       | Yes                       | Yes                      | Yes * †                  |
| 4" (101 mm)                   | —                                   | Yes  | Yes                      | —                         | —                         | —                        | Yes * †                  |
| 5" (127 mm)                   | —                                   | Yes  | Yes                      | —                         | —                         | —                        | Yes * †                  |
| <b>Lengths</b>                | ■ Random; 10–84 inches (254 mm–2 m) |  |                          |                           |                           |                          |                          |
| <b>Profile</b>                | Eased Edge,<br>Square End           | Eased Edge,<br>Eased End                       | Eased Edge,<br>Eased End | Eased Edge,<br>Square End | Eased Edge,<br>Square End | Eased Edge,<br>Eased End | Eased Edge,<br>Eased End |
| <b>Janka hardness</b>         |                                     |  |                          |                           |                           |                          |                          |
| Red Oak                       | 1290 lb.                            | —  | 1290 lb.                 | 1290 lb.                  | 1290 lb.                  | 1290 lb.                 | —                        |
| Walnut                        | —                                   | 1010 lb.                                       | —                        | —                         | —                         | —                        | —                        |
| Hickory                       | —                                   | 1820 lb.                                       | —                        | —                         | —                         | —                        | 1820 lb.                 |
| White Oak                     | —                                   | 1360 lb.                                       | 1360 lb.                 | 1360 lb.                  | 1360 lb.                  | 1360 lb.                 | —                        |
| Hard Maple                    | —                                   | 1450 lb.                                       | —                        | —                         | —                         | —                        | 1450 lb.                 |
| <b>Formaldehyde emissions</b> | ■ < 0.008 ppm CARB II Compliant     |  |                          |                           |                           |                          |                          |
| * Hickory                     | † Hard Maple                        |  |                          |                           |                           |                          |                          |

## 4. Technical Data

### Applicable Standards

#### American Society for Testing and Materials (ASTM)

- ASTM D1211—Standard Test Method for Temperature Change Resistance of Clear Nitrocellulose Lacquer Films Applied to Wood (Withdrawn 2006)
- ASTM D2197-13—Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion
- ASTM D2794-93(2010)—Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
- ASTM D3359-09e2—Standard Test Methods for Measuring Adhesion by Tape Test
- ASTM D4060—Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser

#### California Air Resources Board (CARB)

- CARB II Compliant

#### National Fire Protection Association (NFPA)

- NFPA 101—Life Safety Code®, Class C

### Janka Hardness

See Table 1.



**Table 2—Species, Finishes and Appearance for Somerset Solid Wood Flooring**

| Collection         | Finishes by Species   | Interactive Color Chart        | Appearance           |
|--------------------|---|--------------------------------|----------------------|
| <b>Classic</b>     | <b>Red Oak:</b> Natural Red Oak, Gunstock, Cherry Oak, Urban Gray, Sable, Butterscotch, Mystic  | <b>Classic color chart</b>     | Textured, low gloss  |
| <b>Character</b>   | <b>Walnut:</b> Walnut<br><b>Hickory:</b> Hickory, Hickory Saddle, Hickory Ember<br><b>Hard Maple:</b> Maple Pine, Maple Onyx<br><b>White Oak:</b> White Oak | <b>Character color chart</b>   | Character, low gloss |
| <b>Color Plank</b> | <b>Red Oak:</b> Natural Red Oak, Golden Oak, Mocha, Smoke<br><b>White Oak:</b> Gunstock, Metro Brown, Natural White Oak                                     | <b>Color Plank color chart</b> | Smooth, semi gloss   |
| <b>Color Strip</b> | <b>Red Oak:</b> Natural Red Oak, Golden Oak, Mocha, Smoke<br><b>White Oak:</b> Gunstock, Metro Brown, Natural White Oak                                     | <b>Color Strip color chart</b> | Smooth, semi gloss   |
| <b>High Gloss</b>  | <b>Red Oak:</b> Natural Red Oak, Butterscotch, Gunstock, Cherry Oak, Shadow<br><b>White Oak:</b> Natural White Oak, Chestnut                                | <b>High Gloss color chart</b>  | Smooth, high gloss   |
| <b>Homestyle</b>   | <b>Red Oak:</b> Natural Red Oak, Provincial, Gunstock<br><b>White Oak:</b> Butterscotch, Natural White Oak, Metro Brown, Charcoal                           | <b>Homestyle color chart</b>   | Smooth, semi gloss   |
| <b>Specialty</b>   | <b>Hickory:</b> Hickory Natural, Hickory Nutmeg, Hickory Spice, Hickory Moonlight<br><b>Hard Maple:</b> Maple Natural, Maple Tumbleweed, Maple Greystone    | <b>Specialty color chart</b>   | Smooth, semi gloss   |

**Environmental Considerations**

Somerset Hardwood flooring is affiliated with:

- National Wood Flooring Association (NWFA)
- Appalachian Hardwood Manufacturers Association (AHMA)
- National Hardwood Lumber Association (NHLA)
- Forest Stewardship Council (FSC)

Somerset's full-time forestry and procurements staff manages Somerset's own timber and works closely with vendors to assure sustainable resource management. Somerset uses every part of the tree; nothing goes to waste, right down to the sawdust, which becomes biofuel, and the bark, which becomes mulch.

**Fire Performance**

Flame spread Class C. Surface burning.

**Grading**

The primary distinction between the grades is the degree to which natural characteristics, such as knots and mineral streaks, or manufacturing marks, such as sticker burn, are allowed.

**5. Installation**

Many important decisions must be made at the installation site and therefore are the sole responsibility of the installer/owner. These include, but are not limited to, proper storage and handling, complete evaluation of site conditions including moisture testing of the subfloor and flooring, acclimation of flooring to appropriate conditions, subfloor preparation, flooring layout, milling, grade, color and gloss, scraping, proper installation methods, sufficient quantity on hand to complete the job and jobsite cleanup. For best results, Somerset suggests installation be done by a National Wood Flooring Association (NWFA) Certified Professional.

**Preparatory Work/Methods/Delivery/Storage and Handling**

MSDS generic wood dust document is available upon request. Somerset Installation Guidelines covers:

- Delivery, storage, handling
- Site condition compliance
- Installation methods
- Trim, accessories

Nail down or staple down on or above grade, (per NWFA Installation Guidelines and Methods). Installation guidelines are available at [www.somersetfloors.com](http://www.somersetfloors.com). The NWFA has installation information at [www.nwfa.org](http://www.nwfa.org).

**Weather/Ambient/Ventilation Considerations**

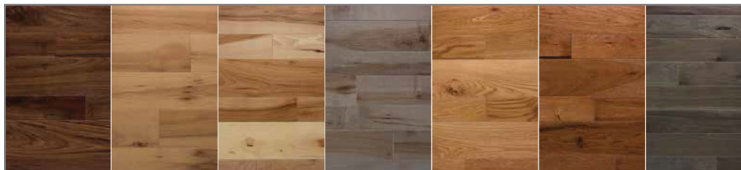
Keep flooring dry, flat and maintain good air circulation in storage. Record subfloor and flooring moisture content upon delivery and at time of installation and retain these records. Acclimate Somerset flooring to controlled site conditions; refer to NWFA Installation Guidelines, Sec. 1, Ch. 2 for detailed information.



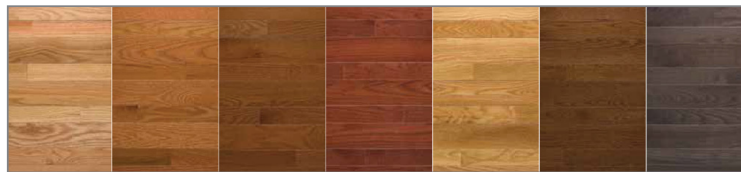
Somerset Hardwood Flooring, Inc.



Classic Solid flooring swatches



Character Solid flooring swatches



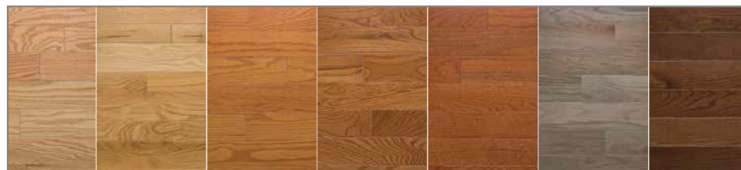
High Gloss Solid flooring swatches



Homestyle Solid flooring swatches



Specialty Collection Solid flooring swatches



Color Collection Solid flooring swatches

HVAC must be in operation before, during and after installation (refer to NWFA Installation Guidelines, Sec. I, Ch. 1, Part 1). A temperature of 70 degrees F  $\pm$  10 degrees and a relative humidity between 30–50 percent is recommended. Heating units or uninsulated ductwork close to the flooring or subfloor may cause hot spots, which must be eliminated prior to installation.

Moisture testing is critical (refer to NWFA Installation Guidelines, Sec. I, Ch. 3). Confirm proper drainage exists around the

structure. In crawl spaces, exposed earth must be fully covered with minimum six mil polyethylene sheeting. Crawl space vents must be open at all times and must equal at least 1.5 percent of the total square footage of the crawl space. Basements must be dry and remain dry.

### Packaging Waste Requirements

Cardboard cartons and plastic bands are 100 percent recyclable.

### Link(s) to Installation Videos

Installation videos are available from the National Wood Flooring Association ([www.nwfa.org](http://www.nwfa.org)).

## 6. Availability and Cost

Somerset Hardwood flooring is sold nationwide through a network of wholesalers, contractors and dealers, each setting pricing appropriate to their market.

## 7. Warranty

Somerset Hardwood Flooring's Limited Warranty includes lifetime structural, 50-year residential and 5-year light commercial finish wear layer warranty provisions.

## 8. Maintenance

Somerset's Ultimate™ finish is an advanced UV urethane aluminum oxide finish. This combination produces a finish with exceptional wear resistance so Somerset floors stay looking like new with minimal effort.

See the Floor Care Section at [www.somersetfloors.com](http://www.somersetfloors.com) for routine and preventive care guidelines.

### Routine Care

Sweep or vacuum hardwood floors on a regular basis as with any floor covering. Clean up spills with Somerset's Ultimate Wood Floor Cleaner, which is specially formulated for the Ultimate finish. This product should also be used for general cleaning as needed.

### Repair/Refinishing

Minor surface scratches can be repaired using the Somerset Touch-Up Kit. Touch-up kits are available from the dealer, installer or directly from Somerset.

Somerset floors can be refinished. Somerset recommends the services of a qualified wood flooring professional.

With proper care and basic preventative maintenance, Somerset floors look new for years without need for repairs.

## 9. Technical Services

Comprehensive technical support is available at 877.404.9663 or [technicalservices@somersetwood.com](mailto:technicalservices@somersetwood.com).

## 10. Filing Systems

- Additional product information is available from the manufacturer upon request