Hardboard is used in a variety of applications including furniture components, moulded door skins, paneling, underlayment and perforated boards.

Hardboard has a uniform thickness, density, appearance and has no grain. It resists marring, scuffing and abrasion, as well as changes in temperature and humidity. Hardboard can be cut, routed, shaped and drilled with standard woodworking tools. In addition, it can be securely glued or fastened with screws, staples or nails. Hardboard panels can be laminated with paper overlays, plastic laminates and veneers.

PRODUCT STANDARDS AND CERTIFICATION

The ANSI A135.4 Basic Hardboard is the North American industry standard. It classifies hardboard by thickness and physical properties, and includes five classes: Tempered, Standard, Service-Tempered, Service and Industrialite.

Ansi A135.5 for Prefinished Basic Paneling establishes the property requirements for dimensional tolerances and moisture content, along with resistance to abrasion, fading, heat, humidity, scrape, steam and stain. Requirements for washability, gloss, workmanship and flame spread are also specified. ANSI A135.4 and A135.5 were developed through the sponsorship of the Composite Panel Association (CPA) in conjunction with producers, users and general interest groups. Copies of ANSI A135.4 and A135.5 are available from CPA.

Newton Scott, a leading specialist in architectural joinery, designed “Ensamble,” a Dwell Showhouse that features a whole wall of perforated hardboard panels. Due to its light weight, thin profile and structural integrity, hardboard is a great choice for office and residential furniture and backing material in interior wall paneling.

Please see page 88 for information about the companies that produce hardboard.
# Engineered Wood Siding and Trim

<table>
<thead>
<tr>
<th>COMPANY AND MILL LOCATION</th>
<th>BRAND NAMES</th>
<th>WOOD CERTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLLINS PRODUCTS LLC*</td>
<td>TruWood Siding &amp; Trim</td>
<td>FSC</td>
</tr>
<tr>
<td>Klamath Falls, Oregon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOUISIANA-PACIFIC CORPORATION</td>
<td>CanExcel</td>
<td>SFI</td>
</tr>
<tr>
<td>East River, Nova Scotia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roaring River, North Carolina</td>
<td>SmartSide</td>
<td>SFI</td>
</tr>
</tbody>
</table>

* Collins has a CARB Executive Order (EO) for using ultra-low emitting formaldehyde (ULEF) resins in its engineered wood siding and trim products.

## Hardboard

<table>
<thead>
<tr>
<th>COMPANY AND MILL LOCATION</th>
<th>BRAND NAMES</th>
<th>WOOD SPECIES</th>
<th>CERTIFIED WOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>STIMSON LUMBER COMPANY</td>
<td>Stimson Hardboard</td>
<td>Douglas Fir</td>
<td>SFI</td>
</tr>
<tr>
<td>Forest Grove, Oregon</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

SPECIAL ITEMS AND TREATMENTS: Base Coat (B), Bullnose Edge (BE), Countertop (C), Concrete Form (CF), Cut to Size (CS), Door Core (DC), Door Stiles and Rails (SR), Edge Fill (EF), Edge Tape (ET), Fill (F), Fire Retardant (FR), Flush Door Skins (FD), Foil (FO), Garage Door Panels (GD), High Density (HD), Hot Melt Wax (H), Laminate Flooring Substrate (LF), Laminated Products (LP), Lockblocks (LB), Low Density (LD), Melamine (M), Mende (MN), Moisture Resistant (MR), Moulding (MO), Moulded Door Skins (MDS), Paint (P), Paper (PA), Perforated (PE), Prefinished (PF), Primed (PM), Print (PR), Shelving (S), Smooth Siding (SS), Stair Tread (ST), Textured Siding (TS), Topcoat (T), Tongue and Groove (TG), Turning and Moulding (TM), Unprimed (UP), Vinyl (V), Wood Veneer (W)

ADDITIONAL COMPANY CONTACT INFORMATION CAN BE FOUND ON PAGES 98–100.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Address/Contact Information</th>
</tr>
</thead>
</table>
| **KRONOSPAN LLC**                                | EASTABOGA PLANT  
1 Kronospan Way, Eastaboga, Alabama 36260  
(256) 741-8755 Fax (256) 741-8757  
boardsales@kronospanusa.com  
www.kronospan-express.com |
| SHIPPENVILLE PLANT                               | 143 Fiberboard Road  
Shippenville, Pennsylvania 16254  
(800) 373-4583 Fax (814) 226-7586  
boardsales@kronospanusa.com  
www.kronospan-express.com  
- MDF MANUFACTURER  
- PARTICLEBOARD MANUFACTURER  
- LAMINATOR |
| **LAMIGRAF, INC.**                               | 201 17th Street, Suite 300  
Atlanta, Georgia 30363 (404) 583-6254  
northamerica@lamigraf.com  
www.lamigraf.com  
- OVERLAY MANUFACTURER |
| **LAMINATOR TECHNOLOGIES**                       | 161 Maule Road  
Tiffin, Ohio 44883  
(800) 231-2523  
rjoseph@lamitech.net  
www.lamitech.net  
- LAMINATOR |
| **LAMINATOR WORKS**                              | 1200 South 5th Street  
Kansas City, Kansas 66105  
(913) 940-9040  
www.laminatorworks.com  
- LAMINATOR |
| **LANGBOARD, INC.**                              | 548 Langboard Road  
Willacoochee, Georgia 31560  
(912) 534-5959 Fax (912) 534-5904  
mrobinson@langboard.com  
www.langboard.com  
- MDF MANUFACTURER |
| **LOUISIANA-PACIFIC CORPORATION**                 | EAST RIVER PLANT  
414 Union Street, Suite 2000  
Nashville, Tennessee 37219  
(888) 457-4246 Fax (877) 606-6015  
www.lpcorp.com |
| **MADERAS CONGLOMERADAS S.A. DE C.V. (MACOSA)**   | Ave. San José # 2  
Salvador 
Chiapas, Mexico 75800  
+52 (55) 5715-5870  
francisco.avila@macosa.com.mx  
www.macosa.com.mx  
- MDF MANUFACTURER  
- PARTICLEBOARD MANUFACTURER  
- LAMINATOR |
| **MASISA MEXICO (FORESTAL TERRANOVAI)**           | Blvd. Juan Pablo II km 2.5  
Col. Aeropuerto  
Chihuahua, Chihuahua Mexico CP 31584  
+521 (844) 362-1716  
alfredo.bastida@masisa.com  
www.masisa.com |
| **MARSHFIELD DOORSYSTEMS, INC.**                  | 1401 East Fourth Street  
Marshfield, Wisconsin 54449  
(800) 826-4020 Fax (715) 387-4218  
www.masonite.com  
- PARTICLEBOARD MANUFACTURER |
| **MJB WOOD GROUP, LLC**                           | 3100 Olympus Blvd., Suite 480  
Dallas, TX 75019  
(214) 289-5464  
lgskecy@mjbwood.com  
www.mjbwood.com  
- LAMINATOR |
| **OLON INDUSTRIES INC.**                          | 42 Armstrong Ave.  
Georgetown, Ontario L7G 4R9  
(905) 877-7300 Fax (905) 877-7383  
www.olon.com  
- LAMINATOR  
- OVERLAY MANUFACTURER |
| **OMNOVA SOLUTIONS INC.**                         | 25435 Harvard Road  
Beachwood, Ohio 44122  
(866) 332-5226  
laminates@omnova.com  
www.omnova.com/laminates  
- OVERLAY MANUFACTURER |
| **PAN PACIFIC PRODUCTS, INC.**                    | 610 W State Highway 3  
Broken Bow, Oklahoma 74728  
(580) 584-6247 Fax (580) 584-6230  
shaneb@panpacificproducts.com  
www.panpacificproducts.com  
- MDF MANUFACTURER |
| **PANEL PROCESSING, INC.**                        | 1030 Devere Drive  
Alpena, Michigan 49707  
(800) 433-7142  
solutions@panel.com  
www.panel.com  
- LAMINATOR |
| **PANEL SPECIALISTS, INC.**                       | 3115 Range Road  
Temple, Texas 76504  
(254) 774-9800 Fax (254) 774-7222  
customer.service@panspec.com  
www.panspec.com  
- LAMINATOR |
| **PANOLAM INDUSTRIES INT’L, INC.**                | Muskoka Road 5, Box 7500  
Huntsville, Ontario P1H 2J7  
(800) 672-6652 Fax (708) 789-6658  
www.panolam.com  
- PARTICLEBOARD MANUFACTURER  
20 Progress Drive  
Shelton, Connecticut 06484  
(877) 765-6526 Fax (203) 225-0050  
www.panolam.com  
- LAMINATOR  
- OVERLAY MANUFACTURER |
| **PATRICK INDUSTRIES, INC.**                      | PO Box 638  
Elkhart, Indiana 46515  
(574) 294-7515 Fax (574) 524-7706  
schrammj@patrickind.com  
www.patrickind.com  
- LAMINATOR |
| **PLUMMER FOREST PRODUCTS**                       | 401 N. Potlatch Road / P.O. Box 788  
Post Falls, Idaho 83854  
(208) 457-8703  
p.carey@plummerforest.com  
www.enstron.com  
- PARTICLEBOARD MANUFACTURER |
| **PREMIER EUROCASE**                              | 12000 E. 56th Avenue, Unit K  
Denver, Colorado 80239  
(303) 373-9718 Fax: (303) 373-9710  
awilzoch@premiereurocase.com  
www.premiereurocase.com  
- LAMINATOR |
| **RIKEN U.S.A. CORPORATION**                      | 26200 Town Center Drive, Suite 135  
Novi, Michigan 48375  
(248) 513-3515 Fax: (248) 513-3510  
info@riken-usa.com  
www.riken-usa.com  
- OVERLAY MANUFACTURER |
| **ROSEBURG**                                      | WESTERN SALES  
3660 Gateway Street,  
Springfield, Oregon 97477  
(800) 245-1115 Fax (541) 679-2543  
www.roseburg.com  
- LAMINATOR  
- COATER |

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Information about company products offered by category can be found on pages 84-97.