

*Juglans cinerea*

# Walnut



**FAS - Select**



**#1 Common**



**#2 Common**



# Walnut

*Juglans cinerea*

|                            |   |
|----------------------------|---|
| <b>Colour</b>              | Sapwood is pale to whitish brown. Heartwood is medium to chocolate brown. |
| <b>Texture</b>             | Close textured, diffuse porous.   |
| <b>Common applications</b> | High-end furniture, flooring, mouldings, caskets, millwork.               |

|                            | Hard Maple                   | Soft Maple | Yellow Birch | White Birch | Red Oak | White Oak | White Ash | Beech | Bass-wood | Aspen | Cherry | Walnut |       |
|----------------------------|------------------------------|------------|--------------|-------------|---------|-----------|-----------|-------|-----------|-------|--------|--------|-------|
| <b>PHYSICAL PROPERTIES</b> | Specific gravity             | 0.659      | 0.545        | 0.608       | 0.571   | 0.612     | 0.676     | 0.613 | 0.667     | 0.417 | 0.408  | 0.551  | 0.594 |
|                            | Density (kg/m <sup>3</sup> ) | 740        | 610          | 670         | 640     | 690       | 750       | 690   | 750       | 460   | 450    | 610    | 660   |
|                            | Hardness                     | 7290       | 4380         | 5930        | 4320    | 6170      | 7130      | 7050  | 6490      | 2140  | 2140   | 4630   | 5910  |
|                            | Bending strength (MPa)       | 115        | 97.6         | 106         | 94.8    | 98.7      | 121       | 108   | 116       | 60.8  | 67.6   | 87.1   | 103   |
|                            | Stiffness (MPa)              | 14100      | 11100        | 14100       | 12900   | 11900     | 15500     | 12800 | 14000     | 9450  | 11200  | 11900  | 13100 |
| <b>WORKING PROPERTIES</b>  | Machinability                | ★★★★       | ★★★          | ★★★★        | ★★★     | ★★★★      | ★★        | ★★★   | ★★        | ★★★   | ★★     | ★★★★   | ★★    |
|                            | Stability                    | ★★         | ★★           | ★★          | ★★      | ★★★       | ★★★★      | ★★★   | ★★        | ★★    | ★      | ★★     | ★★★★  |
|                            | Gluing                       | ★★         | ★★           | ★★          | ★★      | ★★        | ★★        | ★★    | ★★★★      | ★★★★  | ★★     | ★★★★   | ★★★★  |
|                            | Sandability                  | ★★★        | ★★           | ★★          | ★★      | ★★        | ★★        | ★     | ★★★★      | ★★    | ★      | ★★★★   | ★★★★  |
|                            | Nailability                  | ★★         | ★            | ★★          | ★★      | ★★★★      | ★         | ★★    | ★         | ★     | ★      | ★      | ★     |
|                            | Paintability                 | ★★         | ★★           | ★★          | ★★      | ★★        | ★★        | ★★★★  | ★★        | ★★★★  | ★★     | ★★     | ★★    |
|                            | Stainability                 | ★★         | ★★★          | ★★★         | ★★★     | ★★        | ★★        | ★★    | ★★        | ★★    | ★★     | ★★★    | ★★    |

EXCELLENT: ★★★★★ VERY GOOD: ★★★★ GOOD: ★★★ FAIR: ★

| STANDARD DIMENSIONS AVAILABLE |   |                     |                     |
|-------------------------------|---|---------------------|---------------------|
|                               | FAS - Select  | #1 Common           | #2 Common           |
| Width (random)                | 4" (100 mm) and up  | 3" (76,2 mm) and up | 3" (76,2 mm) and up |
| Length (random)               | 6' (1,83 m) and up  | 4' (1,22 m) and up  | 4' (1,22 m) and up  |
| Thickness                     | 4/4" (25,4 mm); 5/4" (31,75 mm); 6/4" (38,1 mm); 8/4" (50,8 mm); 10/4" (63,5 mm); 12/4" (76,2 mm) |                     |                     |

Colour pictures shown: 8' (2.44 m).

## Quebec Wood Export Bureau



979, avenue de Bourgogne  
 Bureau 540  
 Sainte-Foy (Québec)  
 Canada G1W 2L4

☎ (418) 650-6385  
 ☎ (418) 650-9011

info@quebecwoodexport.com  
 www.quebecwoodexport.com