

## Douglas Fir

### BOTANICAL NAME

**Pseudotsuga menziesii**



### OVERVIEW

No. 2/3 Clear and Better, No. 3 Clear, No. 4 Clear, Select Merchantable. Also available in vertical grain (VG) for specific end uses such as door manufacture. Also known as Columbian Pine.

85/15 mix = 85% No.2 Clear + 15% No. 3 Clear

## Further Product Information

### APPLICATIONS & USES

Joinery – Exterior, Joinery – Interior, Cladding, Structural Use, Flooring, Ladders, Doors

### DIMENSIONS

#### **KD PEFC No.2/3 Clear and Better (85/15) (Douglas Fir)**

- 1"
- 1 x 6"
- 1 x 8"+
- 1.25"
- 1.5"
- 2"
- 2 x 8"+
- 2.5"
- 2.5 x 8"+
- 3"+

– 3 x 8"+

– 4"

**PEFC No.2/3 Clear and Better (85/15) H.T. (Heat Treated) (Douglas Fir)**

– 6"

**KD PEFC No.2/3 Clear and Better (85/15) VG Vertical Grain (Douglas Fir)**

– 2 x 4"

– 2 x 5"

– 2 x 6"

– 2 x 8"

– 2.5 x 4"

– 2.5 x 5"

– 2.5 x 6"

– 2.5 x 8"

**KD FSC No.2/3 Clear and Better (85/15) VG (Douglas Fir)**

– 2 x 5"

– 2 x 8"

– 2.5 x 5"

– 2.5 x 8"

**KD No.2/3 Clear and Better (85/15) (Douglas Fir)**

– 1.5 x 11" Pullouts (R4C)

– 1.5 x 9" Pullouts (R4C)

## ENVIRONMENTAL CREDENTIALS

### Certification

PEFC

FSC (limited supply)

### Origin

North America, Europe

## TECHNICAL INFORMATION

### Density

530 kg/m<sup>3</sup>

### Physical Structure

Compared with European redwood, it is some 60 per cent stiffer, 40 per cent harder and more

resistant to suddenly applied loads, and 30 per cent stronger in bending and in compression along the grain

### **Durability**

Moderately durable

### **Drying**

Imported 'Douglas Fir' is not a difficult timber to dry on arrival in this country or in Europe, because the moisture content has already been reduced prior to shipment with some selecting out of degraded boards. Drying degrade is generally confined to surface checking, splitting and loosening of knots, and splitting in the vicinity of knots. Accordingly, stock from trees grown in the UK and in Europe when dried from the green state, needs care, particularly because of the generally higher preponderance of knots which are hard, often loose, and which encourage more wavy grain than in imported stock

### **Moisture Content**

14 – 16% (+/- 1 – 2%)

### **Working Qualities**

This all-purpose timber works easily with hand and machine tools, being tough, strong, moderately hard, resilient straight grain and decorative appearance. Takes screws and nails moderately well with good staining and painting properties

### **Storage Advice**

Green stock outside, KD stock under cover

### **Purchasing Cycle**

12 month