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P.J. DIDOVICI BB, 77250 BOSANSKI  
PETROVAC, BOSNIA & HERZEGOVINA



**ASIKS COMPANY D.O.O.**  
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NARODNIH HEROJA BB, 77250 BOSANSKI  
PETROVAC, BOSNIA & HERZEGOVINA

## TECHNICAL DATA SHEET

### 1. SPECIES

European Whitewood (*Picea abies* / *Abies* spp.) Also known as white deal, common spruce or European silver pine.

### 2. LOCATIONS

Europe, including western Russia, Canada and the USA.

### 3. USES

Spruce wood is used for many purposes ranging from construction work, carcassing, interior construction, carpentry, pallets, boxes and crates to highly specialized uses in wooden aircraft and musical instruments (pianos, violins, lutes and guitars). It works well with both machine and hand tools. It glues, nails, screws and paints well. Its bark can be used for tannin extraction or as a biofuel. Its sawmilling residual products (chip and sawdust) are used in the manufacture of pulp, paper, plywood, chipboard, MDF and pellets.

### 4. ASPECTS

The height of trees ranges from 80 to 230ft (24 to 70m). The color varies from creamy-white to a pale-yellow brown with very little distinction between sapwood and heartwood. The timber is straight grained with a fine texture. Whitewood has medium bending and crushing strength.

Air dried density varies between 420-470 kg/m<sup>3</sup>

Kiln dried density is about 390 kg/m<sup>3</sup> - when moisture content is 18-20% Thickness & Width Tolerance: +/- 2mm.

ASIKS D.O.O.  
REGISTERED OFFICE: BOZE STANKOVIĆA  
BB, 78220 KOTOR VAROŠ, BIH  
BUSINESS UNIT LOCATION: DIDOVIĆI BB,  
77250 BOSANSKI PETROVAC, BIH  
ID NUMBER: 4401118080024  
TAX ID NUMBER: 401118080008

BANK: SPARKASSE BANK DD, BIH  
BANK ACCOUNT NO.: 1994530053420364  
IBAN: BA391994530053420364 (ALL CURRENCIES)  
SWIFT/BIC: ABSBBA22  
CORRESPONDENT BANK: ERSTE GROUP BANK AG WIEN  
SWIFT CORRESPONDENT BANK: GIBAATWG

ASIKS COMPANY D.O.O.  
REGISTERED OFFICE & BUSINESS  
UNIT LOCATION: NARODNIH HEROJA  
BB, 77250 BOSANSKI PETROVAC, BIH  
ID NUMBER: 263874770006  
TAX ID NUMBER: 4263874770006

BANK: SPARKASSE BANK DD, BIH  
BANK ACCOUNT NO.: 1994570004376386  
IBAN: BA391994570004376386 (ALL CURRENCIES)  
SWIFT/BIC: ABSBBA22  
CORRESPONDENT BANK: ERSTE GROUP BANK AG WIEN  
SWIFT CORRESPONDENT BANK: GIBAATWG



Density at 12% moisture content (pounds per cubic foot)	27
Static bending: Fiber stress at proportional limit (pounds/sq. inch and MPa)	6100 42 MPa
Static bending: Modulus of rapture (pounds/sq. inch and MPa)	10 400 72 MPa
Static of bending: Modulus od elasticity (thousand pounds/sq. inch and GPa)	1460 K 10 GPa
Compression parrarel to grain: Fiber stress at proportional limit (pounds/sq. inch and MPa)	4200 29 MPa
Compression parrarel to grain: Maximum crushing strength (pounds/sq. inch and MPa)	5500 38 MPa
Compression perpendicular to grain: (pounds/sq. inch and MPa)	810 5,6 MPa
Shearing strength parrarel in grain: (pounds/sq. inch and MPa)	1030 7 MPa
Hardness (load required in pounds)	500
Tension strength parallel to grain: (=modulus of rapture)	10 400 72 MPa
Tension strength: Perpendicular to grain (pounds/sq. inch)	131 0,9 MPa

