

SAWN LUMBER

AMERICAN WHITE OAK

GENERAL DESCRIPTION	
Merchandise Category	Lumber
Timber Species	American white Oak (Quercus alba)
Unit of Measurement	Cubic Metre (CBM)
Hardness	From medium to high (Brinell: 50-65 N/mm ² II to the grain, 23-42 N/mm ² T to the grain)
Dimensional Stability	From medium to high
Oxidation	Medium
Tonality	Heartwood is a light to medium brown, commonly with an olive cast; nearly white to light brown sapwood; sapwood is not always sharply demarcated from the heartwood.
Histological Structure	Straight and sometimes helicoidal grain, fine and uniform texture

ESSENTIAL FEATURES	PERFORMANCE
Density	950-1100 kg/m ³ green-700 kg/m ³ dried
Shrinkage	Radial 5,6%, Tangential 10,5 %
Modulus of Elasticity	12300 MPa
Tensile Strength	5,5 MPa
Compressive Strength	51,3 MPa
Shear Strength	13,8 MPa
Flexural Strength	60-110 MPa
Biological Durability	Classes: 2-3 Fungi, D Anobium, M Termite
Impregnation	Classes: 4 Heartwood, 2 Sapwood

Source: G. Giordano-Tecnologie del legno; Lignum; CTBA. Wood humidity: between 10 and 20% dried Reference Regulations: UNI EN 942 Timber in joinery-General requirements, UNI EN 350 Durability of wood and wood-based products.

QUALITY DESCRIPTION:

Appearance class FAS: ideal for wood joinery in general, for prestigious furniture, interior joinery and solid wood mouldings. It is possible to obtain medium to long elements, defect free, medium knottiness, trace of sapwood are not considered a defect.

DIMENSION:

- Variable lengths and widths
- Thickness: 27mm - 33 mm - 40 mm - 52 mm and others depending on the availability

MAIN USES:

It is used for cabinetry, furniture, interior trim, flooring, boatbuilding, barrels, and veneer.

WORKING PROPERTIES:

Sawing is easy, drying is slow, with special attention to wrap; planning might cause troubles, gluing, nailing and screwing are trouble free; finishing confers excellent results and can adopt almost every tone.

CERTIFICATIONS:

There is the possibility to ask for FSC® certified products.



Richiedi i prodotti certificati FSC®



Florian Legno S.p.A.

Registered Office: Via Castellana 48/a
31039 Riese Pio X (TV) - Italy
Production Site: Via Castellana 48/a
31039 Riese Pio X (TV) - Italy
Tel. +39 0423 4532 - Fax +39 0423 746588
info@florianinc.com
TVA registration number - IT00335200267



Flo.it s.r.l.

Registered Office: Via Castellana 48/a
31039 Riese Pio X (TV) - Italy
Production Site: Via Cal Longa 26 - Zona industriale
31028 Vazzola (TV) - Italy
Tel. +39 0438 442195 - Fax +39 0438 443649
flo.it@florianinc.com
TVA registration number - IT043040100268



Fc Legnami s.r.l.

Registered Office: Via Castellana 48/a
31039 Riese Pio X (TV) - Italy
Production Site: Via Bassanese 75
31037 Bessica (TV) - Italy
Tel. +39 0423 470155 - Fax +39 0 423 470633
fclegnami@florianinc.com
TVA registration number - IT04634820262



Iskraleigno s.r.l.

Registered Office: Via delle Risorgive 20
34074 Monfalcone - Italy
Production Site: Via delle Risorgive 20
34074 Monfalcone - Italy
Tel. +39 0481 710670 - Fax +39 0481 723503
iskraleigno@florianinc.com
TVA registration number - IT00998770325



DIN d.o.o. | Drvna Industrija Novoselec d.o.o.

Registered Office: Park Hrvatskih Mučenika 4
10315 Novoselec - Croatia
Production Site: Park Hrvatskih Mučenika 4
10315 Novoselec - Croatia
Tel. +385 12 897026 - Fax: +385 12 897115
din@din.hr
TVA registration number - HR09030392140



ELDA DVRO d.o.o.

Registered Office: IV Maksimirsko Naselje 27
10000 Zagreb - Croatia
Production Site: IV Maksimirsko Naselje 27
10000 Zagreb - Croatia
Tel. +385 15 589294 - Fax +385 13 095506
info.elda@floriangroup.hr
TVA registration number - HR31336055559



Lipovljani Lignum d.o.o.

Registered Office: Industrijska 24
44322 Lipovljani - Croatia
Production Site: Industrijska 24
44322 Lipovljani - Croatia
Tel. + 385 44 692900 - Fax + 385 44 692927
info@floriangroup.hr
TVA registration number - HR49775985272



Otk d.o.o.

Registered Office: Vukoviceva 1/A Kaštelanec
42204 Turčin - Croatia
Production Site: Vukoviceva 1/A Kaštelanec
42204 Turčin - Croatia
Tel. +385 42 645450 - Fax +385 42 645451
info.otk@floriangroup.hr
TVA registration number - HR11860069196



Di Čazma d.o.o.

Registered Office: Alojza Vulinca, 28
43240 Čazma - Croatia
Production Site: Alojza Vulinca, 28
43240 Čazma - Croatia
Tel. +385 43 772320 - Fax +385 43 771801
info.dic@floriangroup.hr
TVA registration number - HR48193612203



Marsolat s.a.s.

Registered Office: 3 Rue de la Louvière
70100 Velesmes Echevanne - France
Production Site: 3 Rue de la Louvière
70100 Velesmes Echevanne - France
Tel. +33 3 84 327452 - Fax +33 3 84 327481
contact.marsolat@florianinc.com
TVA registration number - FR78426150025



Magyarplan k.f.t.

Registered Office: 7570 Barcs, hrsz 521/4 - Hungary
Production Site: 7570 Barcs, hrsz 521/4 - Hungary
Tel. +36 82 862769 - Fax +36 82 862770
magyarplan@gmail.com
TVA registration number - HU11487984

www.florianinc.com