

SAWN LUMBER

BASSWOOD

GENERAL DESCRIPTION	
Merchandise Category	Lumber
Timber Species	Basswood/ Lime tree (Tilla cordata Mill.)
Unit of Measurement	Cubic Metre (CBM)
Hardness	Low (Brinell: 37-41 N/mm ² II to the grain, 13-20 N/mm ² T to the grain)
Dimensional Stability	From medium to high
Oxidation	From medium to low
Tonality	Sapwood and heartwood are not well differentiated; in general it has light colours, but it shows frequently greenish stains and colour variations; it is inclined to get stained coming into contact with metals.
Histological Structure	Straight grain, fine and uniform texture

ESSENTIAL FEATURES	PERFORMANCE
Density	900 kg/m ³ green, 650 kg/m ³ dried
Shrinkage	Radial 6,6%, Tangential 9,3 %
Modulus of Elasticity	7000-11000 MPa
Tensile Strength	83-89 MPa
Compressive Strength	31,5-59 MPa
Shear Strength	4.4 MPa
Flexural Strength	73,5-110 MPa
Biological Durability	Classes: 5 Fungi, n/d Anobium, S Termite
Impregnation	Classes: 1 Heartwood, 1 Sapwood

QUALITY DESCRIPTION:

Appearance class: Super Prime White, Prime CDN, Cabinet CND.

- Super Prime White: white material on both faces, small defects (knots) on the back face allowed
- Prime CDN: material not selected by colour, different colours allowed, heart is not considered a defect, small defects (knots) on the back face allowed
- Cabinet CND: material not selected by colour, with knots, heart is not considered a defect.

DIMENSION:

- Random widths and lengths
- Thicknesses: 27 mm / 33 mm / 40 mm / 52 mm and other depending on the availability

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

MAIN USES:

It is extremely versatile and can be used for sculptures and carving works, furniture and carpentry, decorative veneering. Additionally, it can be used for playthings, broomsticks, piano keys, paintbrush, kitchen and domestic utensils, shoes sole.

WORKING PROPERTIES:

Sawing and drying are easy; planning is easy, gluing, nailing and screwing are trouble free; finishing is good.

CERTIFICATION:

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



Richiedi i prodotti certificati FSC®

The mark of responsible forestry



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