



Chain of Custody Certified Wood Source



Patinna - FSC

We proudly bring you Patinna-FSC where the panel fibre has been sourced from well-managed and sustainable forests. The full range of Patinna products can be made to meet Scientific Certification Systems (SCS) Independent certification and also provide an opportunity for LEED credits under Materials and Resources Section (7.0). Our Patinna -FSC has been independently certified by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council A.C. (FSC). Our Chain-Of-Custody Certificate reference SCS-COC-00383, and our Controlled

Light, bright Southland pine is chosen from renewable plantation forests to provide finest quality raw material for Patinna Medium Density Fibreboard (MDF). A superbly smooth finish, uniform density and a finely textured complexion result in a range of MDF products for all your uses. Created by a highly sophisticated, technologically efficient MDF manufacturing process, Patinna MDF can be delivered to you worldwide through either of our two sales offices.

We invite you to work with Patinna. Cut it, shape it, make it your own. And, when the opportunity arises, tell us what you think. Your input matters to us and is a vital element in our manufacturing process.

Wood reference is SCS-CW-00383. Depending on your specific requirements, we can provide our full range of products with mixed sources or pure content wood fibre from controlled wood forests, allowing you the confidence that your selection of raw materials will satisfy your environmentally designed project.

LEED Credits

LEED Credits are supported for NAF products under Indoor Environmental Quality (Section 4.4). For a further LEED Credit opportunity, request 100% FSC certified wood (Materials

and Resources Section 7.0).

Low Formaldehyde

Our standard density Patinna products are also available with low formaldehyde emissions, to meet the Japanese JIS A 5905-2003 F★★★ (F Three Star) and F★★★★ (F Four Star) standard. We can provide products made with No Added Formaldehyde (NAF), and products which meet both Phase 1 and Phase 2 CARB emission standards. Other emission levels can be obtained to meet a range of formaldehyde emission requirements, just ask your Sales Representative.



Patinna-FSC Aim Properties when tested to JIS A 5905 - 2003

PROPERTY	METRIC	2.5 - 7mm	9.00mm	15.00mm	25.00mm
Density	kg/m ³	790	750	730	730
Weight	Kg/m ²	3.7	6.8	11.0	18.3
Panels	Per Pack	various	94	56	34
Internal Bond	MPa	1.4	0.9	0.9	0.8
Moisture Content	%	7.0	7.0	7.0	7.0
Thickness Swell	%	30	15	9	6
MOE	MPa	3700	3600	3500	3500
MOR	MPa	45	40	45	45
Formaldehyde	mg/L	1.5	1.5	1.5	1.5

PROPERTY	IMPERIAL	0.098 - 0.276"	0.354"	0.591"	0.984"
Density	lb/ft ³	49	47	46	46
Weight	lb/ft ²	0.7	1.4	2.2	3.7
Panels	Per Pack	various	94	56	34
Internal Bond	lb/in ²	203	131	131	116
Moisture Content	%	7.0	7.0	7.0	7.0
Thickness Swell	%	30	15	9	6
MOE	lb/in ²	536500	522000	507500	507500
MOR	lb/in ²	6525	5800	6525	6525

GENERAL TOLERANCES	
Length/Width	+/- 2 mm (+/- 0.079 in)
Thickness Tolerance	+/- 0.15 mm (0.006 in)
Straightness	1.125 mm/m (0.015 in/ft)
Squareness	<1.5 mm/m (<0.018 in/ft)
Sanding grit	180

For further Patinna specifications and production information please visit

www.patinna.com



NOTE: These values represent typical values and are guidelines only. Please note that Dongwha Patinna NZ Limited reserve the right to change product specifications without notice. For the most recent specifications please visit our website: www.patinna.com.

All Patinna production meets ISO9001 international standard, and the Patinna environment is managed according to ISO14001 international environmental management systems standard. This embodies our commitment to pursuing a path of continual improvement in environmental management.

Patinna® and its logo are registered trademarks of Dongwha Patinna NZ Limited. "The Master Ingredient™" is a trademark of Dongwha Patinna NZ Limited.

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