



**PATINNA**

NAF-FSC



No-Added  
Formaldehyde  
Pure FSC  
sourced fibre

In a world that is fast awakening to our responsibilities as stewards of the planet, we need products now that support people and the world's resources. Sustainable raw materials and health-neutral products are staking their place in the world of today, and for the future. Dongwha Patinna is committed to using our technological expertise and innovation to bring you planet-friendly options for your wood based projects. Patinna Medium Density Fibreboard provides a superbly smooth finish, uniform density and a finely textured complexion across all our product range. Patinna MDF can be delivered to you world-wide through either of our two sales offices.

**Patinna-NAF-FSC**

Patinna-NAF-FSC is the premium product in our environmental portfolio. Using pure fibre sources from renewable plantation forests, we match these with no-added formaldehyde resins to bring you an ultra-low emission, sustainable panel to meet the most discerning customers need. Patinna quality ensures that you can rely on Patinna-NAF-FSC to be an integral part of your mdf projects

**CARB**

Our NAF-FSC product clearly meets both CARB Phase 1 and Phase 2 emission levels. Third Party Certified by AsureQuality (TPC-5).

**LEED Green Building Rating System Credits**

Patinna NAF-FSC contributes towards satisfying LEED credits under Materials & Resources 7.0, and Indoor Environmental Quality 4.4. Talk to your local Sales Agent for further information on how we can help you with Patinna-NAF-FSC.



**DONGWHA PATINNA NZ LIMITED**  
[www.patinna.com](http://www.patinna.com)

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

PROPERTY	METRIC	2.5 - 7mm	9.00mm	15.00mm	25.00mm
Density	kg/m <sup>3</sup>	790	750	730	730
Weight	Kg/m <sup>2</sup>	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	ppm	< 0.07	< 0.07	< 0.07	< 0.07

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

**CARB  
TPC-5**

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