



Noawood Cladding



Toxin free

As only heat and water vapour are used under high pressure, no toxic chemicals are part of the process.

Durability

Insufficient nutrients remain after the breakdown of hemicellulose (sugar chains) during treatment, inhibiting the growth of fungi. The result is better durability.

Dimensional stability

By reducing the equilibrium moisture content, the timber becomes more stable dimensionally, retaining its shape far better than untreated wood.

Meranti has been used in Europe for over 50 years and is renowned for its durability and stability in joineries. Thanks to our thermal treatment, meranti can now be specified for cladding as well.

Thermal modification

Noawood's thermal modification subjects premium kiln-dried Meranti to temperatures above 170 C and pressure between 6-9 bar. The entire process takes up to 30 hours and after completion, the final moisture content is around 4-6%, resulting in enhanced dimensional stability and a lighter weight, making it ideal for cladding.


Changes to the cell wall structures of the wood increase the durability to class 2, and with a density of 420 kg/m³, it is equivalent to Western Red Cedar.

Noawood cladding is not only weather and rot resistant, it also has the advantage of availability in longer lengths (up to 5 metres) and is free of defects.

Noawood Cladding

is a Malaysian Meranti that has undergone thermal treatment, making the timber **class 2** in durability and stability.

(at par with Western Red Cedar)



All timber has been sourced from forest that has been independently certified by either PEFC or FSC as sustainable.

The thermal treatment creates a uniform dark colour, enhancing wood grain and providing a smoother finish after varnishing. The superior woodworking properties are also boosted.

Durability classes of different wood species

Class		Types of wood				
<i>highest</i>	1	Ipe	Teak	Camaru	Impregnated wood A class	
	2	Noawood Cladding	Merbau	Chengal	Balau	Iroko
	3	Western Red Cedar (WRC)	Siberian Larch	Douglas Fir		
	4	Norway Spruce	Scots Pine	Douglas Fir		
<i>weakest</i>	5	Birch	Aspen	European Ash		

Timber in durability class 2 is suitable for exterior applications above ground without the need for further treatment

About Maran

Noawood is produced by Maran, a Malaysian company with over 70 years' experience in the timber industry. Maran operates a certified forest concession, sawmills and an integrated timber manufacturing operation in Malaysia. (www.maran.com.my)

The company's products are sold globally and have attained a reputation for quality and reliability.

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The mark of
responsible forestry



Noawood

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Toxin free



Dimensionally stable



Durable



Sustainable



Quality