



The new generation of wood technology

Vitec uses the patented HARCwood® technology that is environmentally friendly for the enhancement of cellulose based material.



Vitec panels have been treated using the patented HARCwood® technology

This post production treatment is a sustainable means of enhancing the properties of engineered wood products. It is also environmentally friendly and safe to work with.

Vitec main applications

- Wet wall lining
- Soffits
- Veneer floor substrate
- Door skins
- Wash down areas for food preparation
- Tile and slate underlay
- Internal panels
- Boat and marine applications
- Ceilings tiles and ceilings
- Hurricane Shutters
- Exterior cladding

For more applications see our website



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Vitec Advantages



Water and moisture resistant

Vitec has been tested in boiling water for up to 24 hours and still retained its original form.



Fire resistant

Vitec panel has been used to fabricate a door frame. This door frame was successfully tested in accordance to ASTM E2074-00.



Increased strength

Vitec treated panel dramatically increases internal bond strength. Tests indicate up to an 80% increase over some MDF panels.



Environmentally friendly

Vitec is environmentally friendly with the elimination of formaldehyde and no off-gassing.



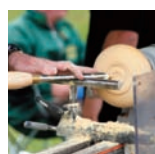
Surface

Vitec has a smooth non-glossy satin like finish that is excellent for painting or staining.



Increased screw holding ability

Vitec's screw holding capability is significantly improved compared to MDF. Hinges screwed into Vitec were put through over one million cycles and remained tight.



Excellent machining and superior cutting capabilities

Vitec has excellent machining characteristics. It can be lathe turned, milled, drilled, tapped, routed, sawn and sanded with CNC controlled equipment or common hand tools.



Shaping ability

Shortly after the HARCwood® process the Vitec panels can be formed into shapes such as circles.



Insect and mold resistant

Wood destroying insects and decay causing micro-organisms do not recognise Vitec as being a food source. Therefore it is mold, rot and termite resistant.



Durability and hardness

A 6mm Vitec panel withstood a water jet at 2700psi for 60 seconds with almost no surface damage. An 18mm fibre cement panel put through the same test resulted in a hole through the panel.

Specifications

Panel Areas	2.44m x 1.83m (8' x 6')
	2.44m x 1.22m (8' x 4')
	3.05m x 1.22m (10' x 4')
	2.13m x 0.91m (7' x 3')
Panel Thickness	From 1.9mm

All the above claims have been independently verified internationally. For more information see our website.

Patented HARCwood® Technology

www.vitecpanel.com

Administration Office - Panel Projects Limited Ph +64 21 619 797, PO Box 33-510, Takapuna, Auckland 0740, New Zealand

SPEC 1 - 1106

Site Office - Panel Projects Limited Ph/Fax +64 3 203 7477, 301 Pioneer Highway, 4RD Gore, PO Box 189, Gore 9740, New Zealand