

## Technical Data Sheet

### VS7010-MR Mineral Triba Shinnoki



#### Product Details

Product Code	VS7010-MR
Product Range	Shinnoki
Construction	Veneer Panel
Specie	Lauraceae
Grade	Prime
Pattern	Mixmatch (Planked Look)
Process	Lightly Brushed - Front Face
Finish	Prefinished, 6 layers of UV Cured Lacquer
Front Face	A Grade Prime Lauraceae (Double side on request)
Back Face	Recon Veneer - Prefinished
Core	MR MDF (Moisture Resistant)
Thickness	19mm (Top Layer: 0.6mm)
Width	1220mm
Length	2790mm
Edge Profile	Matching Edge Banding Available (24mm & 48mm)
Warranty	7 Years

#### Installation Methods

Split Batten	Yes
Glue & Secret Nail	Yes
Other Proprietary Systems	Fastmount, Button-fix

#### Technical Criteria

Origin	Europe
Responsible Certification	FSC® Mix Certified (FSC C129187)
Deviation of Thickness	EN14354 ≤ 0.5mm
Deviation of Squareness	EN324-2 ±2mm/m
Cup in Width Direction	EN14354 2%
Flatness Deviation	EN14354 3%
Swelling in thickness 24h	EN317 8%
Internal Bond	EN319 0.75 N/mm <sup>2</sup>
Bending Strength	EN310 03 N/mm <sup>2</sup>
Modulus of elasticity in bending	EN310 2700 N/mm <sup>2</sup>
Swelling in thickness after cyclic testing	EN317/EN321 15%
Internal Bond after cyclic testing	EN319/EN321 0.20 N/mm <sup>2</sup>
Internal Bond after boil test	EN319/EN1087-1 0.12 N/mm <sup>2</sup>
Veneer Gluing Adhesion	EN204/205 ≥1 N/mm <sup>2</sup>
Density	EN323/672 730kg/m <sup>3</sup>
Layer Thickness Varnish	EN ISO 2808 ± 55 µm
Moisture Content	EN322 5% - 9%
Resistance to Chemical Agents	EN423/part 2 Barely Visible Change
Resistance to hot liquids	EN12720 No Visible Change
Resistance to cold liquids: Food Products	EN12720 No Visible Change
Appearance of the lacquer	EN438/2-5 Ok
Gloss	EN2813 10% ±3%
Hardness of the lacquer	DIN 53154 1.5N
Impact Resistance	EN438-2/11 ≥ 2 N
Elasticity of the lacquer	CEN/TC112 (Brinell) 2Hb
Colour Fastness	EN105-B02 Grade > 6
Colour Stability	EN15187 Grade 4
Reflectance	EN13721 45
Burning Cigarette	EN438-2.18 Class 3
Thermal Resistance	EN13986 0.16m <sup>2</sup> K/W
Thermal Conduction	EN13986 0.11 W/mK
Biological Durability	EN335-1/EN335-2 Pure Wood
VOC Loss	EN664 ≤2.1% ppm
Formaldehyde emission	EN717-1 ≤ 0.013g/m <sup>3</sup>
Exudation of Plasticizers	EN665 < 1%
PCP Content	CEN/TR14823 ≤ 5%
Flame Spread	ASTM E-84-15a=97
European reaction to fire classification	EN13501 Class D

\* Available on a FR MDF Panel. Please Enquire.

## Limitations

Shinnoki is not suitable for exterior applications where ambient environmental moisture content is likely to be elevated for extended periods such as interior swimming pools, sauna or industrial wet areas. All Shinnoki panels are made from genuine timber. Just as any timber product can change colour due to ultra violet light, Shinnoki veneer can also be affected. A change in colour or tone is therefore considered a natural characteristic, not a defect. In environments with exposure to direct or reflected sunlight, we strongly advise the use of sun blinds and protective UV film or glazings. Shinnoki is not suitable for high-wear applications such as bench tops, counters or tabletops. Due to the natural variations in colour and grain found in timber, each sheet is different therefore your samples should be treated as indicative of that species. If you are unsure about the suitability of Shinnoki veneer in your projects please discuss with one of our specialists who will help you find a solution.

## Handling and Storage

- Avoid leaning panels against walls.
- Do not store or transport panels in direct sunlight.
- Store panels where construction traffic and construction activity will not damage panels.
- Treat panels as a finished product and avoid dragging panels on the outer surface or across other surfaces.
- Store only in dry interior conditions on a minimum of three bearers across the full width of the panels keeping it flat at all times.

## Warranty

All VidaSpace products must be installed by a competent qualified joiner and/or installer who has the necessary skills and experience and can take individual site circumstances into account. VidaSpace warranty will apply only to projects which have been installed, handled and maintained to industry best practice and New Zealand Building Code requirements. It is the responsibility of the specifier to determine the product is suitable and compliant for the application. VidaSpace offers a seven year warranty for Shinnoki products. To view a copy of the full warranty, please contact our team.

## Technical Support

Further information and technical support is available by contacting VidaSpace on 0800 119 388.

Special Note: 'In Australia and Europe the same general hierarchy of risk for surface flame spread for finishes is used. While differences exist in the small-scale or intermediate- scale fire test methods adopted in the different jurisdictions, the resulting classifications are considered to be sufficiently similar to the Group Number requirements of NZBC Clause 3.4(a) such that the results can be used directly for the purpose of compliance with Clause C3.4 of the New Zealand Building Code. Ref: <http://www.building.govt.nz/building-code-compliance/c-protection-from-fire/c-clauses-c1-c6/surface-finishes/>

© This technical data sheet was written by VidaSpace Limited, 20 Roe St, Levin, 5540, New Zealand and updated in January 2021. Please ensure that you are using the latest publication by contacting VidaSpace or downloading the latest Technical Data Sheet from the product page on [www.vidaspace.co.nz](http://www.vidaspace.co.nz). At the time of writing and publication of the sheet, all information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties. The photographs used in this sheet are intended only as illustrations. No rights can be derived from them.

11-January-2021/NZ