



Vulcan® Panelling



New Growth Feature Timbers

○ Overview

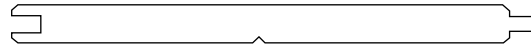
Vulcan Panelling is created from thermally modified New Zealand plantation timber and engineered with a patented vertical grain construction for superior weathering characteristics.

The thermal modification process and vertical grain structure means Vulcan Panelling has enhanced stability, reduced resin content, is a beautiful homogeneous brown colour, and is naturally durable so does not require any chemical preservatives.

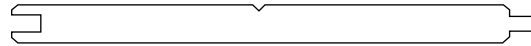
○ Wood Species

Thermally Modified Radiata Pine (Pinus Radiata).

○ Standard Profiles



TG9 - 140x10 Smooth face up (135mm cover)



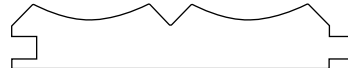
TG9 - 140x10 V-Groove face up (135mm cover)



TG9 - 180x10 Smooth face up (175mm cover)



TG9 - 180x10 V-Groove face up (175mm cover)



TG17 - 90x17 (84mm cover)

All profiles are supplied as standard with smooth dressed face. As standard, all profiles are supplied factory sanded, ready for coating. Brushed finish available on request subject to price premium (TG9 profile only). Non factory sanding is available on request.

In general sanding of smooth dressed face timber is required prior to coating. Please contact Abodo for recommended coating options.

○ Lengths

Mixed Length, supplied in lengths 1.2m and longer and/or Fixed Lengths at Abodo's option.

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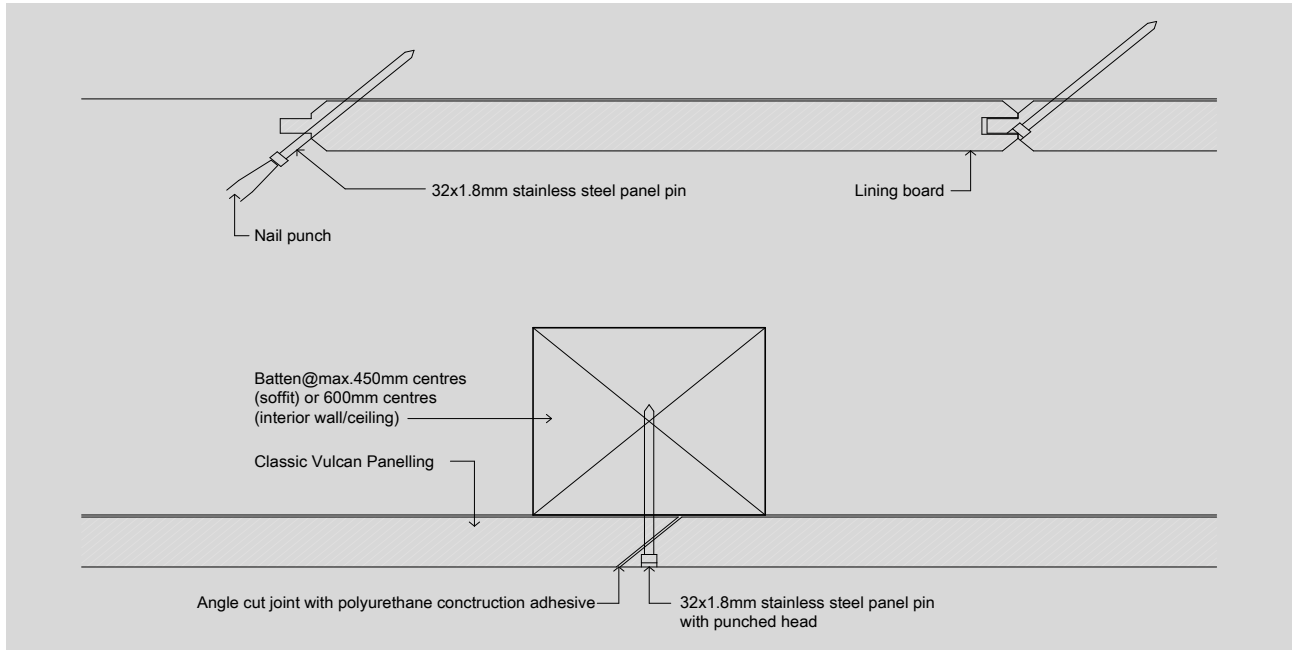
Vulcan® Panelling

- Thermal Properties ~0.0095 W/(mK).
- Compatibility Vulcan has little corrosiveness on metals and can be placed in contact with most building materials crosslinking PVA, PU, MUF glues and RF resins can be used. Always check adhesive compatibility with the manufacturer given unique properties of this timber including low moisture content.
- Coating Vulcan will take most stains, penetrating oils, paints, polyurethanes and varnishes well, though uptake of coating is generally higher than normal. Smooth dressed faces must be thoroughly sanded with 120 grit sand paper prior to application of coating. For exterior applications with limited weather exposure only e.g. soffits, the front face and edges must be finished with an exterior coating system. For interior applications such as ceilings and walls, film forming or high solids coatings, hard wax oil, acrylic or polyurethane are recommended only. Please contact Abodo for further advice on specific application.
- Certification FSC®-certified mixed, No.: SGS-COC-004944.
Declare Certified – Red List Free.
- EPD S-P-01543.
- Product Handling**
 - Timber and accessories must be kept clean dry, under cover and out of the weather prior to installation.
 - Timber must be stored horizontally on bearers at least 100mm off the ground.
 - Extra care must be taken during installation so as not to damage the factory finish of the boards.
 - Wear dust mask, eye protection when cutting timber.
 - Timber may be disposed of as mulch, landfill or burnt.
 - Wear gloves when handling to avoid marking the timber surface and to protect against splinters.
 - Timber framing must be in accordance with NZS3604.
 - Allow boards to acclimatise on site prior to installation.
- Fixing Overview**
 - Lining should not be installed if higher than 14% MC.
 - Fix boards onto battens spaced at maximum 450mm centres for soffits, or maximum 600mm centres for interior walls/ceilings.
 - Apply a bead of exterior polyurethane construction adhesive to each batten.
 - Secret nail boards at a 45 degree angle into the tongue with one 32mm x 1.8mm stainless steel panel pin (hand driven or mechanically driven) per batten. For TG17 use 40mm fixing length.
 - Face fix final board and punch nail head.
 - Fixings at ends of boards must be pre-drilled before applying the fastener.
 - Mitre join butt ends over battens only face fixing with one nail through the joint, use adhesive sealant in the gap.
 - Use finishing mouldings where lining meets cladding, doors or windows.
 - Faces must be thoroughly sanded with 120 grit sand paper prior to application of coating.



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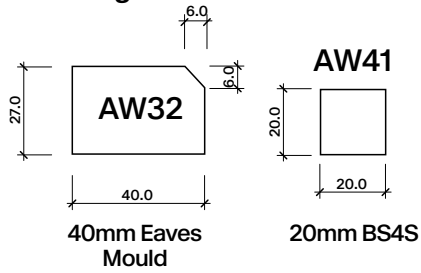
Fixing Details



Maintenance

- Wash down as needed with gentle detergent, warm water and soft cloth.
- Re-coat as required to maintain the integrity of the surface coating.

Mouldings



Mouldings supplied as standard with light bandsawn faces.

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