

TECHNICAL GUIDE

NAME	GW x Abodo External Cladding – Nulla & Millaa Profile
QUALITY	Select Grade/Front face and edges virtually free of any defects but with one edge knot and one small face defect allowed per piece in 20% of boards only. Back side with some defects, skip dress and stepping in laminations allowed.
FINISH	Fine bandsawn face as standard (some variation in the visual appearance of the bandsawn finish can be expected).
DURABILITY	Class 1 (EN350-1), Class 2 above ground (AS5604).
TREATMENT	Thermally modified – 230 degrees schedule. TPX 'H2F' treated (AS1604). H3 LOSP treated (AS1604).
INSECT ATTACK	TPX suitable for use in areas south of Tropic of Capricorn. H3 LOSP treated suitable for use in all areas.
INTENDED USE	Intended for above ground use in residential and light commercial buildings – wall cladding, soffits, interior linings.
SERVICEABLE LIFE	30 years or more when maintained according to manufacturer's recommendations.
WARRANTY	25 years against fungal and termite attack (subject to terms and conditions). See separate Warranty Statement.
MOISTURE CONTENT	Approx. 7% MC (+/-2%) at time of dispatch.
CONSTRUCTION	Laminated with vertical grain orientation.
GLUE	Polyurethane adhesive – VOC, solvent and formaldehyde free. Exterior Type 1 – AS/NZS4364. Approved for Service Class 3 (exposed exterior applications) (AS1328).
EXPECTED DIMENSIONAL CHANGE IN STRUCTURE	Width expansion approx 2%, length expansion approx 0.25%, thickness expansion approx 2.5 (from 7%MC to fibre saturation – variation will occur between boards).
AVERAGE DENSITY	420kg/m3.
FIRE	Group 3, (AS5637), please inquire for solutions to cladding in bush fire zones.
HARDNESS	Low (2.5kN Janka).
WEIGHT	Dry ~7.5 kg/m2; Wet ~11 kg/m2. (Values are approximate only and subject to variation).
THERMAL PROPERTIES	~0.095 W/(mK). (Thermal conductivity is reduced by 20-25% compared with radiata pine).
pH (INDICATIVE)	3.9.

COMPATIBILITY

Vulcan has little corrosiveness on most metals and can be placed in contact with most building materials. In general cross linking PVA, PU, MUF epoxy glues and RF resins can be used, however a specific adhesive specification may be required considering the low moisture content and unique characteristics of the timber. Stainless steel fasteners are recommended in exterior applications. Care should be taken to separate from zinc.

COATING

Vulcan will take most stains, penetrating oils and paints well, though up-take of coating is generally higher than normal. At least one coat must be applied all sides including back face, and at least two coats to the front face and edges with Abodo Protector Oil or other approved proprietary wood stain. Available factory pre-coated.

ENVIRONMENTAL PRODUCT DECLARATION (EPD) REGISTRATION

S-P-01543.

PLACE OF MANUFACTURE

Grown and manufactured in New Zealand.