

TECHNICAL GUIDE

NAME	GW x Abodo Sceening Battens
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 allowed.
SUBSTRATE	Colour Chocolate Brown. (Timber will weather to grey unless a pigmented coating is applied and maintained).
FINISH	Bandsawn faces as standard. Bandsawn dimension may vary up to +/-2mm (some variation in the visual appearance of the bandsawn finish can be expected).
DURABILITY	Durability Class 1 (EN350-1), Class 2 above ground (AS5604).
TREATMENT	Thermally modified – 230 degrees schedule. H3 LOSP treated (AS1604).
INTENDED USE	Intended for above ground use in residential and light commercial buildings.
SERVICEABLE LIFE	30 years or more when maintained according to manufacturer's recommendations.
WARRANTY	25 years against fungal decay (subject to terms and conditions).
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).
FIRE	Group 3.
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 DRY DENSITY	~420 kg/m ³ .
HARDNESS	Low (2.5kN Janka).
THERMAL PROPERTIES	~0.095 W/(mK).
pH (INDICATIVE)	~3.9.

COMPATIBILITY

Vulcan has little corrosiveness on most metals (separation required to zinc) 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. Please consult with the adhesive supplier and conduct testing prior to commencement of work. Glosswood will not be held liable for glue compatibility.

COATING

Vulcan will take most stains, penetrating oils, paints, polyurethanes and varnishes well, though uptake of coating is generally higher than normal. Smooth dressed timber must be thoroughly sanded with 120 grit sand paper prior to application of coating.

For exterior applications at least one coat must be applied all sides including back face and ends, and at least two coats to faces and edges exposed to the weather with Protector, Sioo:x or other approved coating.

Available factory pre-coated.

For interior applications film forming or high solids coatings e.g. hard wax oil, acrylic or polyurethane must be used only. Coating can be applied to faces only.

Please contact Glosswood for further advice on specific application.

QUALITY ASSURANCE

Third party certified to AS/NZS1328.1 and AS/NZS1491.1.

CHARACTERISTIC STRENGTH/ STIFFNESS

Characteristic Strengths (Mpa)				Elastic Modull (GPa)
Gl grade rigidity	Bending (Mor)	Tension parallel to grain	Compression to grain	Short modulus of elasticity parallel to end grain (moe)
8	20.50	9.60	38.50	10.40

FASTENING

Characteristic Lateral Load Strength	
	Joint Group
Nail:	JD4
Screw:	JD5