

TECHNICAL PROPERTIES

SEPTEMBER 2025

1. Product Description

IBS PanelLine® Brace is more impact resistant than other wall lining options and makes a great Dado Line or use a full length sheet.

The choice of underlay and lining of exterior wall siding, interior wall lining, ceiling and partition system.

IBS PanelLine® is specifically designed for the New Zealand market, combining modern manufacturing techniques with a classic colonial style and bracing solution.

This panel is more impact-resistant than other wall lining options, making it ideal for use as a dado line or as a full-length sheet. IBS supplies the MDF V-Groove PanelLine® Brace as an internal lining solution with added bracing capacity.

The panels are available with a V groove profile running the length of the panel for easy horizontal or vertical fixing. The ends have a tongue and groove for seamless width joints.

IBS PanelLine® Technical Properties			
	Property	Metric	Value
1	Density	Kg/m3	730
2	Weight	Kg/m2	6.6
3	Internal Bond	kPa	920
4	Moisture Content	%	7.5
5	Thickness Swell 24h	%	11.4
6	MoE	MPa	3300
7	MoR	MPa	40
8	Length/Width Tolerance	mm	+2.0
9	Thickness Tolerance	mm	+0.15
10	Straightness	mm	1.5
11	Squareness	mm	3.0