

# Vaaro® Testing Summary

Market	Classification	Standard	Test Method	Minimum Tested Thickness	Protector Coated	Uncoated
UK/Europe	Class B-s1-d0 (Flatsawn) Class B-s2-d0 (Vertical Grain) INT1, INT2, EXT	EN 13501-1:2018  EN 16755:2017 and EN927-3	EN 13823:2020+A1:2022 and ISO 11925-2:2020 + accelerated weathering to EN 16755:2017 Annex B (full wall – SBI test) after 1-year + natural weathering to EN927-3	18mm	Yes	Yes
USA	Class A (Vertical Grain)	a) Section 2303.2 2021 International Building Code, referencing ASTM E84, Extended 20 minutes. b) ASTM E2768-11 (2018) Standard Test Method for Extended Duration Surface Burning Characteristics of Building materials (30min Tunnel test). c) UBC No8-1 and SFM 12-7-A-5 per Chapter 7A of the 2019 California Building Code – Ignition Resistant Material 30 minute test	ASTM E84 and E2768-11(2018) + accelerated weathering according to ASTM D 2898-10 Method A	18mm	-	Yes
New Zealand	Group 1-S (Vertical Grain/ Flatsawn)	NZBC C/VM2: Verification Method: Framework for Fire Safety Design	ISO 19705 EN13823:2020	10mm	Yes	Yes
New Zealand	Type A (Vertical Grain)	NZBC Acceptable Solutions C/AS2, in accordance with Table C1.3: Classification of cladding materials	ISO 5660-1:2002 + accelerated weathering to ASTM D 2898 (B)	18mm	Yes	Yes
Australia	BAL29 (Vertical Grain/ Flatsawn)	AS3959:2018 Appendix F Bushfire Resisting Timber	AS/NZS 3837:1998 + accelerated weathering to ASTM D 2898 (B)	18mm	Yes	Yes
Australia	Group 1 (Vertical Grain)	AS 5637.1:2015, as required by NCC Specification 7: Fire Hazard properties: S7C4 FI 4894 and FAR 4055	ISO 19705:2003	10mm	-	Yes

Notes: All tests conducted with profiles of minimum 18mm thickness apart from NZ/AU ISO 9705 Group 1/Group 1-S test that was 10mm thickness.

This table is a summary of results only and is given for guidance purposes only. It should not be used as means of final compliance. Always consult with a professional Fire Engineer prior to commencement of design and construction to ensure compliance with local regulations. Testing certificates available on request.