FH10313-001
FIRE TEST CERTIFICATE

The specimens described below were tested by BRANZ in accordance with AS/NZS 3837 for determination of AS 3959–2009 assessed performance.

Test Sponsor

Wood Modification Technologies Limited
19 Melanesia Road
Kohimarama
Auckland 1071
New Zealand

Date of tests

11 March, 2 April and 12 April 2019

Reference BRANZ Test Report

FH10313-001 – issued 24/07/2019

Test specimens as described by the client

Durable Flame Retardant [FR] treated wood product called FLAME Fixx™

A fully impregnated chemical treatment for wood (radiata pine), referred to as FLAME Fixx™. The product is a non-leachable material based on an inorganic metal oxide composition.

Specimens reference	Mean values		
	Mass (g)	Thickness (mm)	Apparent density (kg/m³)
FH10313-12-25-1, 2, 3, 4, 5	90.3	18.4	490

Testing in accordance with AS 3959–2009

The specimens were subjected to the ASTM D2898 Method B accelerated weathering regime with water flow rate modified to be the same as that within ASTM D2898 Method A prior to testing in accordance with AS/NZS 3837.

The test results to withstand exposure up to BAL—29 conditions were as follows:

Specimen: Durable Flame Retardant [FR] treated wood product FLAME Fixx™			
Irradiance (kW/m²)	**AS 3959 Criteria**	**Test result summary**	**Performance assessment**
25	Maximum HRR ≤ 100 kW/m²	64.3	Pass
	Average HRR for 10 mins. following ignition ≤ 60 kW/m²	33.3	Pass

Issued by

Lukas Hersche
Fire Testing Engineer
BRANZ

Issue Date
24 July 2019

Reviewed by

Peter Collier
Senior Fire Safety Engineer
IANZ Approved Signatory

Regulatory authorities are advised to examine test reports before approving any product.

IANZ ACCREDITED LABORATORY

All tests and procedures reported herein, unless indicated, have been performed in accordance with the laboratory's scope of accreditation