

Notified Body No. 2812

Certificate of Constancy of Performance

2812-CPR-BB5032

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

“Sentrin FRX Treated Thermowood”

Intended use: Solid Wood Panelling and Cladding

Product Performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire, Euroclass characteristics	B-s2-d0 (Classification report No: 409587)	EN 14915:2013
Durability against aging (Bending Test) $f_m(N/mm^2)$	NPD	
Bonding quality	NPD	
Internal bond (Tensile strength) $f_m(N/mm^2)$	NPD	
Release of formaldehyde	NPD	
Water vapour permeability	NPD	
Airborne sound absorption	NPD	
Sound absorption	NPD	
Thermal conductivity	NPD	
Biological durability	NPD	
Content of pentachlorophenol	NPD	

NPD = No Performance Determined

Product Specification (See Page 3)

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Placed on the Market under the Name of:

Frøslev Træ A/S
Jens P.L.Petersens Vej 1, 6330 Padborg, Denmark

and produced in the manufacturing plant(s)

Frøslev Træ A/S, Jens P.L.Petersens Vej 1, 6330 Padborg, Denmark
PTG Treatments, Thomas St., Hull, HU9 1EU, UK

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 14915:2013

Under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on **02/10/2020** and reissued **16/08/2022** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Notified Product Certification Body.

CE Marking certificate valid to: **03/08/2023**

ERO Project Reference: **EROWF11048**



Paul Duggan
Certification Manager

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Product Specification

General description		Thermally modified softwood boards treated with Sentrin FRX flame retardant fixed to battens
Trade name of treated product		"Sentrin FRX Treated Timber"
Manufacturer of treated product		PTG Treatments Limited
Timber details	Species	Thermally modified softwood
	Width	90mm
	Thickness	18mm
	Density	350-480 kg/m ³
	Treatment process	Vacuum Pressure Impregnation
Flame retardant details	Trade name	"Koppers Exterior Fire X"
	Generic type	WPA Type LR
	Supplier	Koppers Performance Chemicals
	Flame retardant treatment process conducted by	PTG Treatments Limited
	Solution strength	19.10 % w/v
	Impregnation date	17 th October 2018
	Net chemical retention	Not declared
	Cycle details	Initial Vacuum- An initial vacuum of between 540 and 600mmHg held for a period of 10 minutes Flood treatment vessel Pressure- A pressure of between 7450 and 10150mmHg for a period of 70 minutes. Empty treatment vessel Final Vacuum- A final vacuum of between 540 and 600mmHg held for a period of 20 minutes.
Mounting and fixing details		A 40mm ventilated cavity was situated between the reverse face of the specimens and the calcium silicate substrate
Substrate	Product reference	"Promat – Brandschultzbauplatten; Promatect-H"
	Generic type	Calcium Silicate based board
	Name of manufacturer	Promat
	Thickness	12mm
	Density	870kg/m ³
	Flame retardant details	The substrate is inherently flame retardant
Brief description of manufacturing process		Dilution of "FireX" solids in water with agitation then applied by a vacuum pressure treatment process

----- End of Certificate -----