

Notified body No. 1121

**Certificate of constancy of performance**  
**1121-CPR-BB5029**

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 Western Red Cedar”**

**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: 401329)	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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Produced for

**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 of AVCP are applied and that

***the product fulfils all the prescribed requirements set out above.***

This certificate was first issued on **04/08/2020** and will remain valid to the date given below as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Valid to: **31/12/2020**



Paul Duggan  
Certification Manager  
**Warringtonfire Testing and Certification Limited**  
Holmesfield Road, Warrington, Cheshire, WA1 2DS, UK

## Certificate of constancy of performance

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### Product Specification

General description		Western Red Cedar 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	Western Red Cedar
	Width	125mm
	Thickness	17mm
	Density	330-390 kg/m <sup>3</sup>
	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	18.7 % w/w
	Impregnation date	2 May 2018
	Net chemical retention	Not Declared
	Cycle details	<ol style="list-style-type: none"> <li>1. Initial Vacuum- A initial vacuum of between 540 and 600mmHg held for a period of 20 minutes</li> <li>2. Flood treatment vessel</li> <li>3. Pressure- A pressure of between 7450 and 8900mmHg for a period of 90 minutes.</li> <li>4. Empty treatment vessel</li> <li>5. Final Vacuum- A final vacuum of between 540 and 600mmHg held for a period of 20 minutes.</li> </ol>
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 – Brandschutzbauplatten; Promatect-H"
	Generic type	Calcium Silicate based board
	Name of manufacturer	Promat
	Thickness	12mm
	Density	870kg/m <sup>3</sup>
	Flame retardant details	The substrate is inherently flame retardant
Brief description of manufacturing process		Dilution of "FireX" solids in water with agitation then applied a vacuum pressure treatment process

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