Document name 2.21 Declaration of Performance Woodsafe WFX Western Red Cedar panel	Governing document CPR305/2011, EN14915:2013 0402-CPR-SC0260-15	Language / Språk **English**	Number of pages DoP 3
Fire impregnation system WOODSAFE® Exterior WFX™	Description Waterproof (polymeric) fire impregnation for wooden panels	Version 1	Product code 21
Compiled by Peter Johnson, CPO | peter.johnson@woodsafe.com			Supersedes edition
Approved by Thomas Bengtsson, CEO | thomas.bengtsson@woodsafe.com.			Date 2023-08-25

1. Product group

WOODSAFE® WFX Western Red Cedar panel, in thickness min 18mm.

2. Construction product identification

Fire protection system: WOODSAFE® Exterior WFX, fire impregnation
Wood treatment: -
Wood specie and product type: Western Red Cedar panel
Surface treatment: -
Product code: 21

Sawn, planed and profiled wooden panels with or without tongue and groove that meet the requirements according to EN14915:2013. Fire protection impregnated according to system Woodsafe Exterior WFX. For more information, see page 2 of this Declaration of performance as well as package specification and associated document.

3. The products intended end use/uses

Exterior wooden panel as cladding with material properties against fire.

4. Manufacturer

Business: Woodsafe Timber Protection AB with place of manufacture, Fågelbacken brandövningsplats, 72595 Västerås, Sweden.
VAT: SE556630532101
Phone: 010-206 72 30. Technical support 010-206 72 37.
E-mail: kundtjanst@woodsafe.com
Website: www.woodsafe.com
Registered trademark: WOODSAFE® Exterior WFX™

5. System for assessment and continuous control of the construction product's performance, system 1

System 1 for reaction to fire and system 4 for other properties. Production is carried out, controlled and operated by the quality system WQS (Woodsafe Quality System). The quality system ensures that the performance of the manufactured products complies with the characteristics declared in this performance declaration.

6. Declared performance in accordance with harmonized standard and notified body
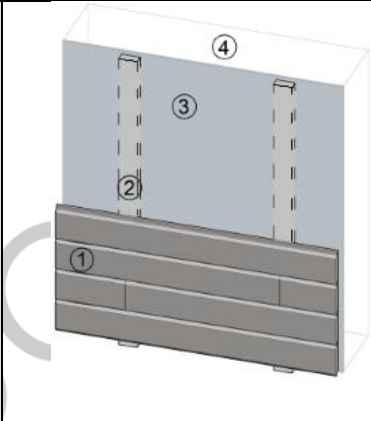
Fire classification
- EN13501-1

Harmonized product standard wood panels
- EN14915:2013

Control body for continuous manufacturing control
- RISE No.0402 Control agreement number 210-09-0082, Rev. 2014-12-11.
- Control of continuity of product performance according to system 1 and has issued attestation of continuity of product performance.

7. Stated performance

Essential properties	Performance			
Reaction to fire	**Fire class**	**B-s2,d0** at 18mm thickness. B-s3,d0 at >18mm thickness Classified according to EN13501-1		
	Joints	Horizontal and vertical		
	Installation (1,2,3,4)	1 – Assembly: Horizontal – OK Vertical - Mechanically attached 2 – With or without an air gap to the substrate 3 – Wood based substrates Euroclass D-s2,d0 or better *alternatively* all substrates with Euroclass A1 or A2s1,d0 with minimum thickness 8mm and density min 338 kg/m3. 4 – NPD		
		Horizontal installation	**Vertical installation**	
	Battens	Wooden battens 40mm thickness *(not fireproof impregnated)*		
	Substrate (3)	Density	Minimum thickness	Fire class EN13501-1	Fire class for wood-based substrates EN13501-1
		Min 338 kg/m^3	8mm	A1, d0 or A2s1, d0	D-s2,d0 or better
Release of formaldehyde	NPD			
Pentachlorophenol content	None			
Vapor permeability	NPD			
Sound absorption	NPD			

Use class	Area of use			Additional information
EN16755	INT1 *Normal dry interior*	INT2 *Varying moist interior*	EXT *Damp interior and exterior environment*	The fire retardant is approved for exterior exposure without surface treatment requirements. Can also be used in an interior environment. Approval is confirmed in a separate type approval certificate.

Intended use	Exterior
Panel type	Fire protection impregnated cladding
Wood specie	THPL (western red cedar)
Density	320-360 kg/m3

Fastening	Stainless steel screw or nail (A2-A4)

8. REACH: SVHC (Substances of Very High Concern)

WOODSAFE® Exterior WFX consistent with both REACH Regulation (EC) 1907/2006 and the Biocidal Products Regulation (EU) 528/2012. Exterior WFX does not contain any prohibited chemicals according to REACH. Some substances may be on the SVHC list according to CLP regulations, but as a final product and using fire retardant treated wood, Woodsafe Exterior WFX is not classified as hazardous to health or the environment.

9. Related instructions

Related instructions for the product are available at www.woodsafe.com document library.

Västerås 2023-08-25
Woodsafe Timber Protection AB

Thomas Bengtsson, VD