



## 2.05.HMSpruce Declaration of Performance Woodsafe WFX Heat modified Spruce panel

<i>Document name</i> 2.05.HMSpruce Declaration of Performance Woodsafe WFX Heat modified Spruce panel	<i>Governing document</i> CPR305/2011, EN14915:2013 0402-CPR-SC0260-15	<i>Language / Språk</i> <b>English</b>	<i>Number of pages DoP</i> 3
<i>Fire impregnation system</i> WOODSAFE® Exterior WFX™	<i>Description</i> Waterproof (polymeric) fire impregnation for wooden panels	<i>Version</i> 1	<i>Product code</i> <b>05.HMSpruce</b>
<i>Compiled by</i> Peter Johnson, CPO   peter.johnson@woodsafes.com		<i>Supersedes edition</i>	
<i>Approved by</i> Thomas Bengtsson, CEO   thomas.bengtsson@woodsafes.com.		<i>Date</i> 2023-04-03	

### 1. Product group

WOODSAFE® WFX Heat modified Spruce panel, in thickness min 18(9)mm.

### 2. Construction product identification

Fire protection system:	WOODSAFE® Exterior WFX, fire impregnation
Wood treatment:	Heat modified
Wood specie and product type:	Spruce
Surface treatment:	-
Product code:	05.HMSpruce

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, Sverige.
VAT:	SE556630532101
Phone:	010-206 72 30. Technical support 010-206 72 37.
E-mail:	<a href="mailto:kundtjanst@woodsafes.com">kundtjanst@woodsafes.com</a>
Website:	<a href="http://www.woodsafes.com">www.woodsafes.com</a>
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

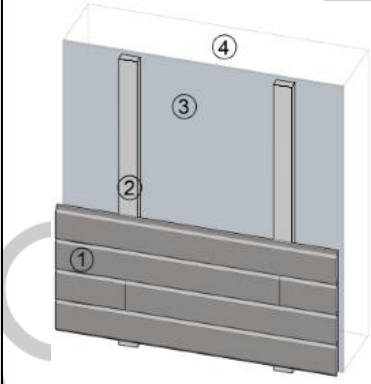
Harmonized product standard wood panels

- 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	<b>Fire class</b>	B-s1,d0 at 18(9)mm thickness. B-s2,d0 at >18(9)mm thickness Classified according to EN13501-1		
	<b>Joints</b>	Horizontal and vertical		
	<b>Installation (1,2,3,4)</b>	1 – Assembly: Horizontal – OK Vertical - Mechanically attached 2 – With an air gap to the substrate 3 – All substrates with Euroclass A1 or A2s1,d0 with minimum thickness 12mm and density min 525 kg/m <sup>3</sup> . 4 – NPD		
		<b>Horizontal installation</b>		<b>Vertical installation</b>
				
	<b>Battens</b>	Wooden battens 40mm thickness ( <i>not fireproof impregnated</i> )		
	<b>Substrate (3)</b>	Density	Minimum thickness	Fire class EN13501-1
	Min 525 kg/m <sup>3</sup>	12mm	A1, d0 or A2s1, d0	-
Release of formaldehyde	NPD			
Pentachlorophenol content	None			
Vapor permeability	NPD			
Sound absorption	NPD			

Use class	Area of use			Additional information
EN16755	INT1 <i>Normal dry interior</i>	INT2 <i>Varying moist interior</i>	EXT <i>Damp interior and exterior environment</i>	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 heat modified cladding
Wood specie	PCAB (spruce)
Density	400-500 kg/m <sup>3</sup>
Fastening	Stainless steel screw or nail (A2-A4)



## 2.05.HMSpruce Declaration of Performance Woodsafe WFX Heat modified Spruce panel

### 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 documents

Recommendation, guidance for use and maintenance of the product is available at [www.woodsafes.com](http://www.woodsafes.com) document library.

Västerås 2023-04-03  
Woodsafe Timber Protection AB

Thomas Bengtsson, CEO

WOODSAFE®