

In compliance with Regulation (EU) No 305/2011 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

## Solid wood panelling and cladding

for use as external finishes in walls subject to reaction to fire regulations, with specification and performance as specified on page 2 in this certificate.

### Product name: Woodsafe Exterior Fire-X

placed on the market under the name or trademark of

#### Woodsafe Timber Protection AB

Box 1153

SE-791 29 Västerås, Sweden

and produced in the manufacturing plant

Woodsafe Timber Protection AB, Fågelbacken, SE-725 95 Västerås, Sweden

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

### 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 2015-07-10 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.

Lennart Aronsson  
Product Certification Manager

Martin Tillander  
Project Manager

Certificate 0402-CPR-SC0260-15 | issue 5 | 2018-04-09

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2017-07-06



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## Specification and performance

Fire retardant treated solid wood, for use in construction. The fire retardant is applied to the solid wood in a vacuum-pressure impregnation process. The definition of arto/arto is the percentage amount of dry fire retardant chemicals in respect to the amount of dry wood. The name of the fire retardant is Exterior Fire-X.

Product / Wood species	Density (kg/m <sup>3</sup> )	Nominal thickness (mm)	Amount of fire retardant in arto/arto (%)	Reaction to fire (Euroclass)	Note
Red Western Cedar panel ( <i>Thuja plicata</i> )	402-473	9	11	B-s2, d0	1)
Douglas fir/Oregon pine panel ( <i>Pseudotsuga menziessii</i> )	449-746	18	9,00	B-s1, d0	1)
Siberian larch panel ( <i>Larix sibirica</i> )	567-825	20	5,00	B-s1, d0	1)
Heat modified Frake panel ( <i>Terminilia superba</i> )	440-631	18	9,00	B-s1, d0	1)
Spruce panel ( <i>Picea abies</i> )	392-566	18	8	B-s1, d0	1)
Oak panel ( <i>Quercus robur</i> )	479-868	19	3	B-s1, d0	2)
Sweet chestnut panel ( <i>Castanea Sativa</i> )	514-775	22	3,00	B-s1, d0	2)
Heat modified pine/Thermo wood ( <i>Pinus sylvestris</i> )	450-600	21	8,8	B-s2, d0	3)
Red Western Cedar panel ( <i>Thuja plicata</i> )	350-500	18 (10 mm for the tongues)	5	B-s1, d0	3)
Accoya® (Acetylation Radiata Pine) ( <i>Pinus Radiata</i> )	510-620	17	7,54	B-s1, d0	4)

### Notes to table above

1) This classification is valid for the following end use conditions:

Any wood based substrate of Euroclass D-s2,d0 or better, or any substrate of Euroclasses A1 or A2-s1,d0, both with a density equal to or greater than 338 kg/m<sup>3</sup> and a thickness equal to or greater than 8 mm. Mechanically fixed, with or without an air gap.

2) This classification is valid for the following end use conditions:

Any wood based substrate of Euroclass D-s2,d0 or better, or any substrate of Euroclasses A1 or A2-s1,d0, both with a density equal to or greater than 338 kg/m<sup>3</sup> and a thickness equal to or greater than 8 mm. Mechanically fixed, with or without an air gap. Boards mounted horizontally.

3) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0 at least 12 mm thick, having a density  $\geq 525$  kg/m<sup>3</sup>. Mechanically fixed, mounted with or without an air gap against the substrate. Horizontal mounting, with horizontal and vertical joints.

4) This classification is valid for the following end use conditions:

Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0 at least 12 mm thick, having a density  $\geq 525$  kg/m<sup>3</sup>. Mechanically fixed, mounted with or without an air gap against the substrate. Vertical mounting, with horizontal and vertical joints.



Certificate 0402-CPR-SC0260-15 | issue 5 | 2018-04-09

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