

Woodsafe PRO and Woodsafe Exterior – fire protection system for wall, ceiling and facade panelling/cladding

Holder/Issued to

Woodsafe Timber Protection AB

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Product description

Woodsafe PRO, fire protection system with impregnated flame retardant treated solid wood panelling and plywood boards, wood batten and fastening profiles as follows:

- Impregnated flame retardant treated birch plywood (regular and with HPL), pine, pine/spruce (combination), fuma/abachi, mahogany/laun or poplar, thickness ≥ 12 mm for indoor use. Screwed in aluminium profiles without air gap to the substrate alternatively screwed in wood batten 12 x 70 mm with 12 mm airgap to the substrate.
- Impregnated flame retardant treated wood panelling – of ash, American oak, birch, pine, spruce, maple or heat-treated pine, thickness ≥ 12 mm for indoor use, - of poplar, thickness ≥ 15 mm for indoor use, - of cedar, thickness ≥ 19 mm for indoor use, - of aspen or Siberian larch, thickness ≥ 21 mm for indoor use. Screwed directly to the substrate.
- Impregnated flame retardant treated façade cladding of spruce wood panel, thickness ≥ 21 mm and width 120 mm for outdoor use. Surface treated with primer, intermediate and top painting of Lasol 9000 (one layer each and 250 g/m² in total) or Nordic EKO 3330 (one layer each and 250 g/m² in total). All paint quantities refer to wet weight. Nailed in impregnated spruce batten 45 x 70 mm, c-spacing 600 mm.

Woodsafe Exterior WFX, fire protection system with impregnated flame retardant treated solid wood panelling and cedar shakes, wood batten as follows:

- Impregnated flame retardant treated façade cladding of cedar wood panel, thickness ≥ 17.5 mm and width ≤ 143 mm for outdoor use. Nailed in impregnated flame retardant treated spruce batten 28 x 70 mm, c-spacing 600 mm. Fire stop mounted in air gap.
- Impregnated flame retardant treated façade cladding of heat-treated pine wood panels, thickness ≥ 21 mm and width ≤ 141 mm for outdoor use. Nailed in impregnated flame retardant treated spruce batten 28 x 70 mm, c-spacing 600 mm.
- Impregnated flame retardant treated façade cladding of cedar shakes (thickness 3-10 mm) nailed to spruce plywood, thickness 18 mm, for outdoor use. Spruce plywood nailed in batten of spruce 28 x 70 mm, c-spacing 600 mm.

Type approval 0263/08 | 2020-04-06

RISE Research Institutes of Sweden AB | Certification
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2019-06-10



2P00615



Intended use

Wall and ceiling cladding in escape routes or other indoor spaces with demands for protection against ignition or rapid fire and smoke development.

Facade cladding in building with requirements to limited fire spread along the facade surface and inside the wall.

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 2 and 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR): issued by the National Board of Housing, Building and Planning:

Woodsafe PRO

Economically reasonable working life*	2:2
Covering fire technical class K ₂ 10/B-s1,d0** and K ₁ 10/B-s1,d0**	5:231
Facade cladding in building class Br1	5:551, point 2, 3 and 4
Emissions	6:21

Woodsafe Exterior WFX

Economically reasonable working life*	2:2
Facade cladding in building class Br1	5:551, point 2, 3 and 4
Emissions	6:21

* Service class INT1, INT2 (indoor) and EXT (outdoor) regarding reaction to fire performance according to EN 16755 for all types of wood

** Class B-s1,d0 verified by CE-marking.

Associated documents

- "Faktablad nr 1, Förvaring", dated 2012-1.
- "Faktablad nr 2, Hantering", dated 2013-2.
- "Faktablad nr 3, Måla inomhus", dated 2013-2.
- "Faktablad nr 5, Underhåll", dated 2013-2.
- "Faktablad nr 6, Montering", dated 2013-1.
- "Faktablad nr 11, Målning & underhåll av SP Fire 105 Fasad", dated May 12 2014.
- "Faktablad nr 12, Monteringsanvisning av SP Fire 105 Fasad", dated April 25 2014.
- "Faktablad nr 14, Liggande panel SP Fire 105 Fasad", dated 25 april 2014.
- "Faktablad nr 15, Stående panel SP Fire 105 Fasad", dated April 25 2014.
- "Instruktion acklimatisera", dated 2018-05-01.
- "Instruktion avfallshantering", dated 2018-05-01.
- "Faktablad bearbetning", dated 2018-05-01.
- "Instruktion hantering & personskydd", dated 2018-05-01.
- "Information viktigt att tänka på", dated 2018-06-18.
- "Monteringsanvisning Cederpanel SP Fire 105", dated 2018-06-14.
- "Monteringsanvisning Cederspån SP Fire 105", dated 2018-06-14.
- "Monteringsanvisning Thermowood SP Fire 105", dated 2018-06-14.

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: Ref no. 210-09-0082, Inspection body: RISE Research Institutes of Sweden

When the building proprietor performs inspection at the building, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.

Manufacturing place

Production control includes the following place:
Woodsafe Timber Protection AB, Västerås, Sweden

Marking

Wooden panels and plywood boards shall be marked according to the CE marking rules. Associated documents must contain the Boverket's registered trade mark (†), type approval number (0263/08), type approved properties and RISE accreditation number as certification body (RISE 1002).

Basis for assessment/approval

Reports no 3P02262-1, -2, -5, -6, -7 and -8 from RISE (SP).
Report no 3P02263 and assessment no 3P02263-1 from RISE (SP).
Reports no 3P07131-A1 and -B1 from RISE (SP).
Reports no 288285 and 288286 from BRE.
Report no 4P06525 and assessment no 4P6525-1 from RISE (SP).
Report no 5P07737 and assessment no 5P07737-1 from RISE (SP).
Report no 8P01176 and assessment no 8P01176-1 from RISE (SP).
Report no 6P07424A, -B from RISE (SP).
Report no 2P00490-A and -B from RISE.

Comments

Wooden panelling is assumed to be CE-marked as class B-s1, d0 according to EN 14915.
Plywood is assumed to be CE-marked as class B-s1, d0 according to EN 13986.

This approval supersedes the previous approval with the same number dated 2018-06-26.

Validity

Valid through 2023-06-25.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.