Certificate of constancy of performance

0402-CPR-SC0268-09

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 products

Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking

for use as structural or non-structural elements in internal or external applications, with specifications and performances as specified on page 2-3 in this certificate.

Product name: Woodsafe FirePRO fireretardant plywood

placed on the market under the name or trademark of

Woodsafe Timber Protection AB
Box 1153
SE-721 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 standards

EN 13986:2004 and EN 13986:2004+A1:2015

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 2009-05-15 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

RISE Research Institutes of Sweden AB | Certification
Box 857, SE-501 15 Borås, Sweden
Phone: +46 10-516 50 00
certifiering@ri.se| www.ri.se

Specifications and performances

Fire retardant treated wood-based panels, produced by further processing (vacuum-pressure impregnation) of wood-based panels. Fire retardant chemical is named FirePRO.

The definition of arto/arto is the percentage amount of dry fire retardant chemicals in respect to the amount of dry wood.

Product / Wood species	Density [kg/m^3]	Nominal thickness [mm]	Amount of fire retardant [arto/arto %]	Reaction to fire class	Note*
Spruce/pine plywood	600-750	12	3,60	B-s1,d0	1)
Birch plywood	600-750	6	4,30	B-s1,d0	5)
Birch plywood	600-750	12	4,50	B-s1,d0	1)
Birch plywood	750	25	7,00	B-s1,d0	3)
Birch plywood	600-750	40	5,70	B-s1,d0	1)
Birch plywood DECOSAFE. With an UV-print on a foil called “Spantex Bleached Edge Band Foil” as a surface layer.	600-750	12	4,60	B-s1,d0	1)
Perforated birch plywood. 21,33 mm C/C, and 10 mm diameter on perforations.	600-750	12	7,00	B-s1,d0	2)
Birch plywood with an overlay. Base plate “RigaPLY BB/WGE, CE, ext.glue”, overlay of birch veneer quality “AB Birch”, having a nominal thickness of 0,4 - 0,5 mm.	600-750	12	4,50	B-s1,d0	1)
Poplar plywood	540	5,5	10,50	B-s1,d0	6)
Poplar plywood	380-550	12	6,00	B-s1,d0	1)
Softwood of pine plywood	625 (12 mm) 648 (24 mm)	12-24	8,00	B-s1,d0	4)
Fuma/Abachi plywood	599	25	5,90	B-s1,d0	4)
Mahogany/Luan plywood	590	12	9,60	B-s1,d0	4)

*See next page for explanation of note 1-6.

Note 1-6

1) 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 ≥ 525 kg/m^3. Mechanically fixed, with or without an air gap. Horizontal wood scantlings creating a void, if fixed with an air gap.

2) 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 ≥ 525 kg/m^3. Mechanically fixed. Wood scantlings creating a void filled with insulation material having Euroclasses A1 or A2-s1,d0.

3) This classification is valid for the following end use conditions:
Any substrate with fire performance of Euroclasses A2-s1,d0 or better, at least 6 mm thick, having a density ≥ 800 kg/m^3. Mechanically fixed, with or without an air gap.

4) This classification is valid for the following end use conditions:
Any substrate excluding plasterboard with fire performance of Euroclasses A2-s1,d0, at least 6 mm thick, having a density ≥ 870 kg/m^3. Mechanically fixed, with or without an air gap.
No variation in colour of the plywood, ventilated cavities, corner joints and vertical joints.

5) This classification is valid for the following end use conditions:
Any end use substrate of Euroclasses A1 or A2-s1,d0 at least 9 mm thick, having a density ≥ 652 kg/m^3. Mechanically fixed, without an air gap.

6) This classification is valid for the following end use conditions:
Any end use substrate of Euroclasses A1 or A2-s1,d0 at least 9 mm thick, having a density ≥ 652 kg/m^3. Horizontal wood scantlings creating a void, if fixed with an air gap.