

CERTIFICATE OF CONSTANCY OF PERFORMANCE

2412-CPR-1021-04

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

**Wood-based panels
Fire impregnation treatment,
classifications: B-s1,d0, B-s2,d0 and C-s1,d0
Fire-retardant impregnation treatment as specified in appendix**

placed on the market under the name of

WJ Fire Retardant Ltd

1 A Main Street, Kirkburn, Driffield
East Yorkshire, YO25 9DU
United Kingdom

and produced in the manufacturing plant
1 A Main Street, Kirkburn, Driffield
East Yorkshire, YO25 9DU, UK

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

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 16th September 2019 and will remain valid as long as neither the harmonized 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

The validity of the certificate can be checked on the internet address www.finotrol.fi

The certificate is updated on 24th January 2024.



Petteri Torniainen
Managing Director



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NB: CPR/2412

Appendix to certificate 2412-CPR-1021-04

WJ Fire Retardant Ltd

1 A Main Street, Kirkburn, Driffeld
East Yorkshire, YO25 9DU, UK

All products treated with Burnblock JG30 fire retardant using industrial impregnation method.
All options without extra coating. Air gap constructed by wooden battens of class D-s2,d0 or better.

Birch plywood (option 1)

Testing reference: Classification PCA10555A / DBI

- Product: Birch plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 12 mm
- Density: 745 kg/m³
- Intake: Dry amount of fire retardant 50 kg/m³ (+10 kg/m³)
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 11 mm thickness and with a density equal to or greater than 525 kg/m³
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap or with no air gap
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
12-13 mm B-s1,d0 and thickness over 13 mm B-s2,d0

Birch plywood (option 2)

Testing reference: Classification PCA10438A / DBI

- Product: Birch plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 6,5 mm
- Density: Nominal density 722 kg/m³
- Intake: Nominal dry amount of fire retardant 20 kg/m³
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 9 mm thickness and with a density equal to or greater than 653 kg/m³
- With no air gap
- Fixation: Fixed mechanically to the substrate
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
6,5-7 mm C-s1,d0 and thickness over 7 mm C-s2,d0

Pine plywood

Testing reference: Classification PCA10555C / DBI

- Product: Pine plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 12 mm
- Density: 684 kg/m³
- Intake: Dry amount of fire retardant 60 kg/m³ (+10 kg/m³)
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 11 mm thickness and with a density equal to or greater than 525 kg/m³
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap or with no air gap
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
12 mm B-s1,d0 and thickness over 12 mm B-s2,d0

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Laminated Veneer Lumber (LVL)

Testing reference: Classification 4P05147-2 / SP

- Product: Laminated veneer lumber consisting of several spruce and pine veneer treated with fire retardant Burnblock
- Thickness: Nominal thickness ≥ 27 mm
- Density: Nominal density 550 - 600 kg/m³
- Intake: Nominal dry amount of fire retardant 35 kg/m³
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 9 mm thickness and with a density equal to or greater than 652 kg/m³
- With no air gap
- Fixation: Fixed mechanically
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification: B-s1,d0**
- **NOTE!** Classification is valid for the end use as a cladding or as a support for cladding elements

Eucalyptus plywood (option 1),

Testing reference: Classification PCA10576A / DBI

- Product: Eucalyptus plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 6 mm
- Nominal density: 600 kg/m³
- Intake: Dry amount of fire retardant 26 kg/m³ (-0, +5,2 kg/m³)
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 12 mm thickness and with a density equal to or greater than 525 kg/m³
- With no air gap
- Fixation: Fixed mechanically to the substrate
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
6 mm C-s1,d0 and thickness over 6 mm C-s2,d0

Eucalyptus plywood (option 2)

Testing reference: Classification PCA10810B / DBI

- Product: Eucalyptus plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 5,5 mm
- Nominal density: 600 kg/m³
- Intake: Average dry amount of fire retardant 35 kg/m³
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 12 mm thickness and with a density equal to or greater than 525 kg/m³
- With no air gap
- Fixation: Fixed mechanically to the substrate
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
5,5 mm B-s1,d0 and thickness over 6 mm B-s2,d0

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Eucalyptus plywood (option 3)

Testing reference: Classification PCA10810A / DBI

- Product: Eucalyptus plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 9 mm
- Nominal density: 600 kg/m³
- Intake: Average dry amount of fire retardant 35 kg/m³
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 12 mm thickness and with a density equal to or greater than 525 kg/m³
- With a ventilated or non-ventilated air gap or with no air gap
- Fixation: Fixed mechanically to the substrate
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
9 mm B-s1,d0 and thickness over 9 mm B-s2,d0

Eucalyptus plywood (South American)

Testing reference: Classification PCA10576B / DBI

- Product: Eucalyptus plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 9 mm
- Density: 580 kg/m³
- Intake: Dry amount of fire retardant 34 kg/m³ (-0, +6,8 kg/m³)
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 12 mm thickness and with a density equal to or greater than 525 kg/m³
- With or without ventilated air gap or with no air gap
- Fixation: Fixed mechanically to the substrate
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
9 mm B-s2,d0 and thickness over 9 mm B-s3,d0

Eucalyptus plywood with Beech face veneer

Testing reference: Classification PCA10810A, Indicative test PFA12109A / DBI

- Product: Eucalyptus plywood treated with fire retardant Burnblock
- Thickness: Nominal thickness 9 mm
- Nominal density: 600 kg/m³
- Intake: Average dry amount of fire retardant 35 kg/m³
- Substrate: Any substrates of classes A1 and A2-s1,d0 of at least 12 mm thickness and with a density equal to or greater than 525 kg/m³
- With a ventilated or non-ventilated air gap or with no air gap
- Fixation: Fixed mechanically to the substrate
- Mounting: With horizontal and vertical joints
- **Reaction to fire classification:**
9 mm B-s1,d0 and thickness over 9 mm B-s2,d0

