

CERTIFICATE OF CONSTANCY OF PERFORMANCE

2412-CPR-1015-12

In compliance with Regulation 305/2011/EU 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

**Solid wood paneling and cladding
Fire-retardant treatment
Classifications: B-s1,d0 and B-s2,d0
Treatments as specified in appendix**

placed on the market under the name of

Danish Anti-Fire ApS

Sandvadsvej 2
DK-4600 Koege
Denmark

and produced in the manufacturing plant at
Overgade 11B
6670 Holsted, Denmark

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

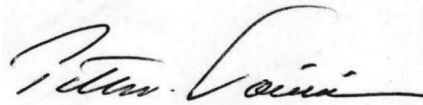
under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 29th of December 2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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

Finotrol Oy, notified body 2412, have updated this certificate on 14th of September 2023



Petteri Torniainen
Managing Director



Danish Anti-Fire ApS

Sandvadsvej 2
DK-4600 Koege
Denmark

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

Accoya (Pinus radiata), Option 1

Testing reference: Classification 6P07344-1 / SP

- Product: Accoya solid wood panel. End use as surface lining.
- Thickness: Nominal thickness ≥ 19 mm
- Density: Nominal density range 500 - 550 kg/m³
- Intake: Nominal dry amount of fire retardant 78 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
- Fixation: Fixed mechanically against the substrate
- With no air gap
- **Reaction to fire classification: B-s1,d0**

Accoya (Pinus radiata), Option 2

Testing reference: Classification PCA10713A / DBI

- Product: Accoya modified Pinus radiata solid wood panel. End use as a cladding or as a support for cladding elements.
- Thickness: Nominal thickness 19 mm
- Density: Nominal density 568 kg/m³
- Intake: Nominal dry amount of fire retardant 76,2 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally, horizontal and vertical joints
- **Reaction to fire classification for nominal thickness 19 mm: B-s1,d0**
- **For nominal thicknesses thicker than 19 mm reaction to fire class is: B-s2,d0**

Oak

Testing reference: Classification 5P06680-1 rev1 / RISE

- Product: Oak solid wood panel. End use as surface lining.
- Thickness: Nominal thickness ≥ 20 mm
- Density: Nominal density range 500 - 750 kg/m³
- Intake: Nominal dry amount of fire retardant 16 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
- Fixation: Fixed mechanically against the substrate
- With no air gap
- Mounting: Horizontal and vertical joints
- **Reaction to fire classification: B-s1,d0**

Spruce (*Picea abies*)

Testing reference: Classification (15 - 42 mm) PCA10812 / DBI

- Product: Spruce solid wood panel. End use as cladding or as support for cladding elements.
- Thickness: Nominal thickness 15 – 42 mm
- Density: Average nominal density range 300 - 470 kg/m³
- Intake: Nominal dry amount of fire retardant 38 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Larch (*Larix sibirica*)

Testing reference: Classification PCA10812, Indicative test PFA11675A / DBI

- Product: Larch solid wood panel. End use as a cladding or as a support for cladding elements.
- Thickness: Nominal thickness 15 – 42 mm
- Density: Average nominal density range 650 - 750 kg/m³
- Intake: Nominal dry amount of fire retardant 38 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Larch (*Larix decidua*)

Testing reference: Classification PCA10812, Indicative test PFA11961C / DBI

- Product: Larch solid wood panel. End use as a cladding or as a support for cladding elements.
- Thickness: Nominal thickness 15 – 42 mm
- Density: Average nominal density range 550 - 630 kg/m³
- Intake: Nominal dry amount of fire retardant 38 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Pine (*Pinus sylvestris*)

Testing reference: Classification PCA10812, Indicative test PFA11473G / DBI

- Product: Pine solid wood panel. End use as a cladding or as a support for cladding elements.
- Thickness: Nominal thickness 15 – 42 mm
- Density: Average nominal density range 370 - 550 kg/m³
- Intake: Nominal dry amount of fire retardant 40 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Western Red Cedar

Testing reference: Classification PCA10812, Indicative test PFA11473C / DBI

- Product: Western Red Cedar solid wood panel. End use as solid wood paneling and cladding
- Thickness: Nominal thickness 15 - 42 mm
- Density: Average nominal density range 320 - 490 kg/m³
- Intake: Nominal dry amount of fire retardant 38 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Frake/Limba (Terminalia superba)

Testing reference: Classification PCA10812, Indicative test PFA12107A / DBI

- Product: Frake solid wood panel. End use as solid wood paneling and cladding
- Thickness: Nominal thickness 15 - 42 mm
- Density: Average nominal density 540 kg/m³
- Intake: Nominal dry amount of fire retardant 42 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Ayous (Triplachiton scleroxylon),

Testing reference: Classification PCA10812, Indicative test PFA12108A / DBI

- Product: Ayous solid wood panel. End use as solid wood paneling and cladding
- Thickness: Nominal thickness 15 - 42 mm
- Density: Average nominal density 380 kg/m³
- Intake: Nominal dry amount of fire retardant 38 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Ash (Ash fraxinus sp.),

Testing reference: Classification PCA10812, Indicative test PFA12105A / DBI

- Product: Ash solid wood panel. End use as solid wood paneling and cladding
- Thickness: Nominal thickness 15 - 42 mm
- Density: Average nominal density 690 kg/m³
- Intake: Nominal dry amount of fire retardant 38 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints

- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Thermo pine (*Pinus sylvestris*)

Testing reference: Classification PCA10648A (15 mm), Indicative test PFA11879A (42 mm) and PFA12110A (vertical) / DBI

- Product: Thermally modified pine solid wood panel. End use as solid wood paneling and cladding
- Thickness: 15 - 42 mm
- Density: Average nominal density 430 kg/m³
- Intake: Nominal dry amount of fire retardant 50,4 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Thermo ash (*Ash Fraxinus sp.*)

Testing reference: Classification PCA10648A (15 mm), Indicative test PFA11473E / DBI

- Product: Thermally modified ash solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Average nominal density 620 kg/m³
- Intake: Nominal dry amount of fire retardant 51,4 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Thermo Ayous (*Ayous Sterculiaceae*)

Testing reference: Classification PCA10648A (15 mm), Indicative test PFA11473A / DBI

- Product: Thermally modified ayous solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Average nominal density range 270 - 375 kg/m³
- Intake: Nominal dry amount of fire retardant 50,4 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Thermo spruce (*Picea abies*)

Testing reference: Classification PCA10648A (15 mm), Indicative test PFA11708A / DBI

- Product: Thermally modified spruce solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Average nominal density 385 kg/m³
- Intake: Nominal dry amount of fire retardant 52,5 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Thermo Frake/Limba (Terminalia superba)

Testing reference: Classification PCA10648A (15 mm), Indicative test PFA12078A / DBI

- Product: Thermally modified frake solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Average nominal density 540 kg/m³
- Intake: Nominal dry amount of fire retardant 52,8 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0**

Thermo Poplar (genus Populus species)

Testing reference: Classification PCA10648A (15 mm), Indicative test PFA12078B / DBI

- Product: Thermally modified poplar solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Average nominal density 330 kg/m³
- Intake: Nominal dry amount of fire retardant 54,9 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
- Fixation: Fixed mechanically to the substrate
- With a ventilated or non-ventilated air gap between product and substrate or with no air gap
- Mounting: Profiles horizontally or vertically, horizontal and vertical joints
- **Reaction to fire classification: 15-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0**

