

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

**2412-CPR-1035-06**

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

**Solid wood panelling and cladding  
Fire impregnation treatment,  
classifications: B-s1,d0 and B-s2,d0 and B-s3,d0  
Treatments as specified in the appendix**

placed on the market under the name of

**Kolomore ApS**

Skaergårdsvaenget 7  
DK-5500 Middelfart, Denmark

and produced in the manufacturing plant  
Skaergårdsvaenget 7  
DK-5500 Middelfart, 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**

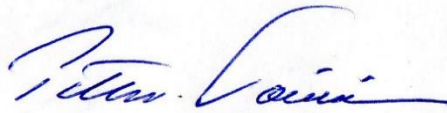
under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first time issued on 24<sup>th</sup> of September 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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](http://www.finotrol.fi)

The certificate is updated on 15<sup>th</sup> of September 2023



Petteri Torniainen  
Managing Director



## Kolomore ApS

Skaergårdsvaenget 7  
DK-5500 Middelfart, Denmark

**All products treated with Burnblock JG30 fire retardant using industrial impregnation method. Coated industrially at Kolomore ApS with fire-tested coatings (EN 13501-1).  
Air gap constructed by wooden battens of class D-s2,d0 or better.**

Industrial impregnation treatment done by CE certified sub-contracting plants:

1. Industrial impregnation treatment: Danish Antifire ApS, Overgade 11B, 6670 Holsted, Denmark
2. Industrial impregnation treatment: Burnshield OU, Suvila, Farmitee 3, EE-72501, Koigi, Estonia
3. Industrial impregnation treatment: Bitus AB, Orreforsvägen 49, SE-382 94 Nybro, Sweden
4. Industrial impregnation treatment: Lemahieu Group nv, Zuiddoweg 44, 9000 Gent, Belgium

### 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: Nominal density range 355 - 536 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 38 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 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: Nominal density range 650 - 750 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 38 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 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/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 38 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 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 density 430 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 40 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 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: Nominal density range 316 - 494 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 38 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 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/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 42 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Ayous (Triplochiton 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/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 38 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 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/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 38 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A and TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Thermo pine (Pinus sylvestris)**

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

- Product: Thermally modified pine solid wood panel. End use as solid wood paneling and cladding
- Thickness: 15 - 42 mm
- Density: Average 432 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 50,4 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Thermo ash (Ash Fraxinus sp.)**

Testing reference: Classification PCA10648A (15 mm), Indicative tests PFA11879A (42 mm), PFA12110A (vertical) and PFA11473E (Thermo Ash) / DBI

- Product: Thermally modified ash solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Average 617 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 51,4 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Thermo Ayous (Ayous Sterculiaceae)**

Testing reference: Classification PCA10648A (15 mm), Indicative tests PFA11879A (42 mm), PFA12110A (vertical) and PFA11473A (thermo ayous) / DBI

- Product: Thermally modified ayous solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Nominal density 270 - 375 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 50,4 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Thermo spruce (*Picea abies*)**

Testing reference: Classification PCA10648A (15 mm), Indicative tests PFA11879A (42 mm), PFA12110A (vertical) and PFA11708A (thermo spruce) / DBI

- Product: Thermally modified spruce solid wood panel. End use as solid wood paneling and cladding.
- Thickness: 15 - 42 mm
- Density: Nominal density 385 kg/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 52,5 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Thermo Frake/Limba (*Terminalia superba*)**

Testing reference: Classification PCA10648A (15 mm), Indicative tests PFA11879A (42 mm), PFA12110A (vertical) and PFA12078A (thermo frake) / 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/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 52,8 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0
- **Reaction to fire classification (with extra coating, see TABLE A):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE B):**  
19-42 mm B-s1,d0 and thickness over 42 mm B-s2,d0

**Thermo Poplar (genus *Populus* species)**

Testing reference: Classification PCA10648A (15 mm), Indicative tests PFA11879A (42 mm), PFA12110A (vertical) and PFA12078B (thermo poplar) / 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/m<sup>3</sup>
- Intake: Nominal dry amount of fire retardant 54,9 kg/m<sup>3</sup>
- 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/m<sup>3</sup>
- 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 (no extra coating):**  
15-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE A):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0
- **Reaction to fire classification (with extra coating, see TABLE B):**  
19-42 mm B-s2,d0 and thickness over 42 mm B-s3,d0

**TABLE A.**

Industrial coating alternatives Sherwin Williams and Masquelack for Burnblock FR impregnated:

Name of coating system	Coating codes	Coating system and tested values and test references
<p><b>Sherwin Williams coating alternatives, classification</b></p> <p>Species: Spruce, Larch, Pine, Western Red Cedar, Frake, Ayous and Ash, B-s1,d0, thickness 19 – 42 mm, over 42 mm B-s2,d0</p> <p>Species: Thermo Pine, Thermo Ash, Thermo Ayous and Thermo Spruce, Thermo Frake, Thermo Poplar, B-s2,d0, thickness 19 – 42 mm, over 42 mm B-s3,d0</p> <p>Testing references:</p> <ul style="list-style-type: none"> <li>- Classification PCA10812 and PCA10648A / DBI</li> <li>- Indicative test (coating, 19 mm) PFA 11856A and PFA11804A / DBI</li> </ul>		
Sherwin Williams  System 1	SX1420  EG1570	Surface planed or fine sawn/paint-cut or fine-brushed Coated industrially after kiln drying with: Sherwin Williams system 1 <ul style="list-style-type: none"> <li>- 1st layer of primer SX1420, max wet 62 g/m<sup>2</sup> ±10%</li> <li>- 2nd layer EG1570 with fungicide ingredient, max wet 62 g/m<sup>2</sup> ±10%</li> </ul> Coating conditions: According to valid Sherwin Williams instructions/product data sheet
Sherwin Williams  System 2	SX1420  EG1170	Surface planed or fine sawn/paint-cut or fine-brushed Coated industrially after kiln drying with: Sherwin Williams system 2 <ul style="list-style-type: none"> <li>- 1st layer of primer SX1420, max wet 62 g/m<sup>2</sup> ±10%</li> <li>- 2nd layer EG1170 fungicide free, max wet 62 g/m<sup>2</sup> ±10%</li> </ul> Coating conditions: According to valid Sherwin Williams instructions/product data sheet
Sherwin Williams  One-layer system	SX1420 or EG1570 or EG1170	Surface planed or fine sawn/paint-cut or fine-brushed Coated industrially after kiln drying with: Sherwin Williams one-layer systems <ul style="list-style-type: none"> <li>- All coatings above are possible to use as one layer system by industrially coating process without affecting the fire classification, max wet 62 g/m<sup>2</sup> ±10%</li> <li>- Note: In one-layer system there can be limitations on the application of use</li> </ul> Coating conditions: According to valid Sherwin Williams instructions/product data sheet
<p><b>Masquelack coating alternatives, classification</b></p> <p>Species: Spruce, Larch, Pine, Western Red Cedar, Frake, Ayous and Ash, B-s1,d0, thickness 19 – 42 mm, over 42 mm B-s2,d0</p> <p>Species: Thermo Pine, Thermo Ash, Thermo Ayous and Thermo Spruce, Thermo Frake, Thermo Poplar, B-s2,d0, thickness 19 – 42 mm, over 42 mm B-s3,d0</p> <p>Testing references:</p> <ul style="list-style-type: none"> <li>- Classification PCA10812 and PCA10648A /DBI</li> <li>- Indicative test (coating, 19 mm) PFA 11856B and PFA11803A / DBI</li> </ul>		
Masquelack Cosy Vintage System	Cosy Vintage	Surface planed or fine sawn/paint-cut or fine-brushed Coated industrially after kiln drying with: Masquelack Cosy Vintage one-layer system <ul style="list-style-type: none"> <li>- Masquelack Cosy Vintage, max wet 42 g/m<sup>2</sup> ±10%</li> </ul> Coating conditions: According to valid Masquelack instructions/product data sheet

**TABLE B.**

Industrial coating alternative Sioo:x Wood Protector for Burnblock FR impregnated:

Name of coating system	Coating codes	Coating system and tested values and test references
<p><b>Sioo:X Wood Protector coating alternatives, classification</b></p> <p>Species: Spruce, Larch, Pine, Western Red Cedar, Frake, Ayous and Ash, B-s1,d0, thickness 19 – 42 mm, over 42 mm B-s2,d0</p> <p>Testing references:</p> <ul style="list-style-type: none"> <li>- Classification PCA10812 and PCA10648A / DBI</li> <li>- Indicative test (coating, 19 mm) PFA 12076A / DBI</li> </ul>		
Sioo:x Wood Protector	Sioo:x primer wood protector  Sioo:x surface protector	<p>Surface planed or fine sawn/paint-cut or fine-brushed Coated industrially after kiln drying with:</p> <p>Primer coating</p> <ul style="list-style-type: none"> <li>- 2 layers of primer: SiOO:X Primer Wood Protector Industry</li> <li>- total maximum amount applied 225 g/m<sup>2</sup></li> </ul> <p>Top coating</p> <ul style="list-style-type: none"> <li>- 1 layer of top coating: SiOO:X Surface Protector Industry</li> <li>- maximum amount applied 115 g/m<sup>2</sup></li> </ul> <p>Coating conditions and recommendations: According to Sioo Wood Protection instructions</p>
<p><b>Sioo:X Wood Protector coating alternatives, classification</b></p> <p>Thermally modified species: Thermo Pine, Ash, Ayous, Spruce and Frake, B-s1,d0, thickness 19 – 42 mm, over 42 mm B-s2,d0</p> <p>Thermally modified species: Thermo Poplar, B-s2,d0, thickness 19 – 42 mm, over 42 mm B-s3,d0</p> <p>Testing references:</p> <ul style="list-style-type: none"> <li>- Classification PCA10812 and PCA10648A / DBI</li> <li>- Indicative test (coating, 19 mm) PFA PFA 12076B / DBI</li> </ul>		
Sioo:x Wood Protector	Sioo:x primer wood protector  Sioo:x surface protector	<p>Surface planed or fine sawn/paint-cut or fine-brushed Coated industrially after kiln drying with:</p> <p>Primer coating</p> <ul style="list-style-type: none"> <li>- 2 layers of primer: SiOO:X Primer Wood Protector Industry</li> <li>- total maximum amount applied 270 g/m<sup>2</sup></li> </ul> <p>Top coating</p> <ul style="list-style-type: none"> <li>- 1 layer of top coating: SiOO:X Surface Protector Industry</li> <li>- maximum amount applied 115 g/m<sup>2</sup></li> </ul> <p>Coating conditions and recommendations: According to Sioo Wood Protection instructions</p>