



**Certificate**  
No. 9160-15



# Certificate

Kiwa Sertifiointi Oy has granted a product certificate to

**Nordtreat Oy**

Mestarintie 11, FI-01730 VANTAA

to certify that Kiwa Sertifiointi Oy has verified that the manufacturing quality assurance of the following products fulfils the requirements set in the requirement documents **EN 14915:2013 chapter 6.3:**

**Manufacturing of fire retardant for solid wood paneling or cladding according to the annex.**

**Place of manufacture:** Mestarintie 11, FI-01730 VANTAA

The company is entitled to use the certification mark on products fulfilling the requirements. The certificate holder is responsible for ensuring that the products comply with the requirements.

The certificate is issued on 2025-11-27  
(first issue 2016-01-11).

Maija Vanttaja, Managing Director

The certificate is based on an initial inspection, testing by the manufacturer, and continuous assessment of factory production control. The certificate shall remain valid until further notice provided the requirements set in the General Rules for Product Certification and the above-mentioned product group specific requirement documents are continuously met. The validity of the certificate can be verified on the Internet at [www.kiwa.com/fi](http://www.kiwa.com/fi).



## **Nordtreat Oy**

**According to standard EN14915:2013 manufactured solid wood panelling and cladding are possible to certify as follows:**

**Product:**

- Norflam®310 or NT Deco (manufactured by Nordtreat Oy)
- Toned (all colors), liquid

**Classification and testing reports:**

- Classification report N° -24/RC-63 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing reports 403/24/0606/A-1-v1 ja 403/24/0027/A-1-v1 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing standards: EN13823:2020, EN 13823:2020+ A1:2022, EN 11925-2:2020 and CEN/TS 15117:2006

**According to the classification report**

- Wood species spruce
- Minimum covering thickness 11mm and minimum panel thickness 18 (+/-1) mm
- Density of the wood 370 kg/m<sup>3</sup> (+/-10%)
- Application of the fire retardant equal or more than 350 g/m<sup>2</sup> on the front side and on the edges. On the back side the application equal or more than 200 g/m<sup>2</sup>.
- On the panel 0 g/m<sup>2</sup> or at maximum 100 g/m<sup>2</sup> AXIL 3000-P (Adkalis)
- Additional coating is not allowed

**Substrates:**

- Substrate must be used with fire classification D-s2,d0 (or better), thickness equal or more than 8 mm and density equal or more than 338 kg/m<sup>3</sup>. With or without protective rain screen rated E or better

**Mounting:**

- Panel or cladding fastened to the base with supporting rails or without supporting.
- Panel or cladding mounted with mechanical fixation
- Panel or cladding in vertical or horizontal orientation
- With vertical or horizontal joints

**Reaction to fire classification: B-s1,d0 (EN13501-1:2018)**

The manufacturer of solid wood panelling or cladding must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood panellings and claddings must be certified separately and this certificate is not covering the manufacturing of wooden products.

**According to standard EN14915:2013 manufactured solid wood panelling and cladding are possible to certify as follows:**

**Product:**

- Norflam®310 or NT Deco (manufactured by Nordtreat Oy)
- Toned (all colors), liquid

**Classification and testing reports:**

- Classification report N° -23/RC-20 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing reports 403/22/0635/A-1-v1 and 403/22/0635/A-2-v1 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing standards: EN13823:2020, EN 13823:2020+ A1:2022, EN 11925-2:2020 and CEN/TS 15117:2006

**According to the classification report**

- Wood species spruce
- Minimum covering thickness 11mm and minimum panel thickness 23 (+/-1) mm
- Density of the wood 370 kg/m<sup>3</sup> (+/-10%)
- Application of the fire retardant equal or more than 350 g/m<sup>2</sup> on the front side and on the edges. On the back side the application equal or more than 200 g/m<sup>2</sup>.
- Additional coating is not allowed

**Substrates:**

- Substrate must be used with fire classification D-s2,d0 (or better), thickness equal or more than 8 mm and density equal or more than 338 kg/m<sup>3</sup>. With or without protective rain screen rated E or better

**Mounting:**

- Panel or cladding fastened to the base with supporting rails or without supporting.
- Panel or cladding mounted with mechanical fixation
- Panel or cladding in vertical or horizontal orientation
- With vertical or horizontal joints

**Reaction to fire classification: B-s1,d0 (EN13501-1:2018)**

The manufacturer of solid wood panelling or cladding must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood panellings and claddings must be certified separately and this certificate is not covering the manufacturing of wooden products.

**According to standard EN14915:2013 manufactured solid wood panelling and cladding are possible to certify as follows:**

**Product:**

- Norflam®310 or NT Deco (manufactured by Nordtreat Oy)
- Toned (all colors), liquid

**Classification and testing reports:**

- Classification report N° -25/RC-48 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing report 403/25/0404/A-1-v1 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing standards: EN13823:2010+A1:2014 and EN ISO 11925-2:2010

**According to the classification report**

- Wood species Douglas fir
- Solid wood panel or cladding, covering thickness at least 8,5 mm and minimum thickness of the panel 18 (+/-1) mm.
- Density of the wood 500 kg/m<sup>3</sup> (+/-10%)
- Application of the fire retardant equal or more than 350 g/m<sup>2</sup> on the front side and on the edges. On the back side the application equal or more than 200 g/m<sup>2</sup>.
- Additional coating is not allowed

**Substrates:**

- Substrate must be used with fire classification D-s2,d0 (or better), thickness equal or more than 8 mm and density equal or more than 338 kg/m<sup>3</sup>. With or without protective rain screen rated E or better

**Mounting:**

- Douglas fir panel or cladding fastened to the base with or without supporting
- Panel or cladding in vertical or horizontal orientation
- With vertical or horizontal joints
- Panelling or cladding will be fixed with metal fixings

**Reaction to fire classification: B-s1,d0 (EN13501-1:2018)**

The manufacturer of solid wood panelling or cladding must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood panellings and claddings must be certified separately and this certificate is not covering the manufacturing of wooden products.

**According to standard EN14915:2013 manufactured solid wood panelling and cladding are possible to certify as follows:**

**Product:**

- Norflam®310 or NT Deco (manufactured by Nordtreat Oy)
- Toned (all colors), liquid

**Classification and testing reports:**

- Classification reports K22/2017 and K36/2018 (MeKA Forest and wood products research and development institute)
- Testing reports 2393-1/2017, 2393-2/2017, 3130-1/2018 and 3130-2/2018 (MeKA Forest and wood products research and development institute)
- Testing standards: EN13823:2010+A1:2014 and EN ISO 11925-2:2010

**According to the classification report**

- Wood species larch and cedar
- Solid wood larch panel, thickness at least 20 mm
- Solid wood cedar panel, thickness 20 – 25 mm
- Density variations within natural limits of wood species
- Application of the fire retardant equal or more than 350 g/m<sup>2</sup>.
- Additional coating is not allowed

**Substrates:**

- Substrate must be used with fire classification A1-s1-d0 or A2-s1-d0.

**Mounting:**

- Larch panel or cladding fastened to the base with or without supporting rails
- Cedar panel or cladding fastened to the base with 40 mm (maximum) supporting rails or without supporting.
- Panel or cladding in vertical or horizontal orientation
- With vertical or horizontal joints
- Supporting rails with larch panel treated with fire retardant
- Panelling or cladding will be fixed with metal fixings

**Reaction to fire classification: B-s1,d0 (EN13501-1:2018)**

The manufacturer of solid wood panelling or cladding must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood panellings and claddings must be certified separately and this certificate is not covering the manufacturing of wooden products.

**According to standard EN14915:2013 manufactured solid wood panelling and cladding are possible to certify as follows:**

**Product:**

- Norflam®310 or NT Deco (manufactured by Nordtreat Oy)
- Transparent, liquid

**Classification and testing reports:**

- Classification report K25/2021 (MeKA Forest and wood products research and development institute)
- Testing reports 5624-1/2021 and 5624-2/2021 (MeKA Forest and wood products research and development institute)
- Testing standards: EN13823:2020 and EN ISO 11925-2:2020

**According to the classification report**

- Wood species Douglas fir, charred surface facing
- Solid wood charred Douglas fir panel, covering thickness at least 12,5 mm and minimum thickness of the panel 24 mm.
- Density variations within natural limits of wood species
- Application of the fire retardant equal or more than 350 g/m<sup>2</sup>.
- Additional coating is not allowed

**Substrates:**

- Substrate must be used with fire classification A1-s1-d0 or A2-s1-d0, density at least 525kg/m<sup>3</sup>.

**Mounting:**

- Panel or cladding fastened to the base with 45 mm (maximum) supporting rails or without supporting.
- Panel or cladding in vertical or horizontal orientation
- With vertical or horizontal joints
- Supporting rails treated with fire retardant

**Reaction to fire classification: B-s1,d0 (EN13501-1:2018)**

The manufacturer of solid wood panelling or cladding must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood panellings and claddings must be certified separately and this certificate is not covering the manufacturing of wooden products.

**According to standard EN14915:2013 manufactured solid wood ribbon elements are possible to certify as follows:**

**Product:**

- Norflam®310 or NT Deco (manufactured by Nordtreat Oy)
- Toned (all colors), liquid

**Classification and testing reports:**

- Classification reports N° -23/RC-31-v2, No -23/RC-50 and N° -23/RC-51 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing reports 403/22/0634/A-3-v1, 403/22/0634/A-5-v1, 403/22/0634/A-2-v1 and 403/22/0634/A-4-v1 (Institut technologique FCBA Forêt, Cellulose, Bois – Construction, Ameublement)
- Testing standards: EN 13823:2020+ A1:2022, EN 11925-2:2020 and CEN/TS 15117:2006

**According to the classification reports**

- Wood species spruce
- Minimum ribbon cross section  $1600\text{mm}^2$  and minimum thickness of the ribbon 40mm
- Density of the wood  $475\text{ kg/m}^3$  (+/-10%)
- Application of the fire retardant equal or more than  $350\text{ g/m}^2$  on all sides.
- Additional coating is not allowed

**Substrates:**

- Substrate must be used with fire classification A2-s1,d0 (or better), thickness equal or more than 12 mm and density equal or more than  $525\text{ kg/m}^3$  (standard plaster board type). With or without protective rain screen rated E or better behind the ribbon element.

**Option 1:**

- For  $1\text{m}^2$  of cladding or ceiling, the developed exposed area of the product with the frame is  $1,9\text{m}^2$  at most. The developed exposed area of wood ribbon element is  $2n(t+w)+a$

**Option 2:**

- For  $1\text{m}^2$  of cladding or ceiling, the developed exposed area of the product is  $1,3\text{m}^2$  at most. The developed exposed area of wood ribbon element is  $2nt + nw$

**Option 3:**

- For  $1\text{m}^2$  of cladding or ceiling, the developed exposed area of the product is  $1,6\text{m}^2$  at most. The developed exposed area of wood ribbon element is  $2nt + nw$

In options 1-3 the explanation of the formula:

- n = number of wood ribbons per meter
- t = thickness of the wood ribbon, in meter
- w = width of the wood ribbon, in meter
- a = exposed area of wood structure in  $\text{m}^2$ .

### Mounting:

- Ribbons fastened to the base with supporting structure (thickness higher or equal to 100mm between the wood ribbon element and the substrate. The material similar wood including the coating as the ribbons or metallic structure) in option 1. In options 2 and 3 the ribbons mounted without any supporting structure on the substrate.
- Ribbons mounted with mechanical fixation
- Ribbons in vertical or horizontal orientation

### Reaction to fire classification:

**Option 1: C-s1,d0 (EN13501-1:2018)**

**Option 2: B-s1,d0 (EN13501-1:2018)**

**Option 3: C-s2,d0 (EN13501-1:2018)**

The manufacturer of solid wood ribbons must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood ribbons must be certified separately and this certificate is not covering the manufacturing of wooden products.

**According to standard EN14915:2013 manufactured solid wood panelling and cladding are possible to certify as follows:**

**Product:**

- NT Neutra (manufactured by Nordtreat Oy)
- Transparent, liquid

Classification and testing reports:

- Classification report K05/2016 (MeKA Forest and wood products research and development institute)
- Testing reports 16651-1-2016 and 1665-2-2016 (MeKA Forest and wood products research and development institute)
- Testing standards: EN13823:2010+A1:2014 and EN ISO 11925-2:2010

**According to the classification report**

- Wood species spruce
- Thickness of the panel or cladding 18 mm or thicker
- Density variations within natural limits of wood species
- Application of the fire retardant equal or more than 350 g/m<sup>2</sup>.
- Additional coating is not allowed

Substrates:

- Substrate must be used with fire classification A1-s1-d0 or A2-s1-d0.

Mounting:

- Panelling or cladding mounted with or without air gaps between product and substrate
- Panelling or cladding can be mounted on horizontal or vertical direction
- Joints can be on horizontal or vertical direction
- Panelling or cladding will be fixed with metal fixings

**Reaction to fire classification: B-s1,d0 (EN13501-1:2018)**

The manufacturer of solid wood panelling or cladding must CE-mark the wooden product according to the standard EN14915:2013. Fire protected solid wood panellings and claddings must be certified separately and this certificate is not covering the manufacturing of wooden products.