

Based on Estonian Regulation No. 49 of the Minister of Economic Affairs and Communications of 26.07.2013 „ Requirements and procedure for attestation of the conformity for building materials and construction products“§ 6, it has been stated that the construction product

Fire retardant for wood ULTRA, ULTRA-A, ULTRA-TW
placed on the market by

OÜ MultiPro System

Gildi 7-20, 51007 Tartu, ESTONIA

and produced in the factory

OÜ MultiPro System

Tutermaa küla, 76617 Harku vald, Harjumaa, ESTONIA

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that Inspecta Estonia OÜ has performed type testing, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.


This certificate attests that all provisions concerning the performances described in Inspecta Estonia OÜ instruction

QMW-826-14

were applied and that the product fulfils all the prescribed requirements.

This certificate is first issued on **02.06.2014** and remains valid until **01.06.2019** as long as the conditions laid down in the instruction in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly. The validity of the certificate can be checked on the Internet at www.inspecta.com/et. Classification and field of direct application is presented in the Annex 1.

Tallinn 30.01.2017


German Vimb
Head of the conformity assessment department



Inspecta Estonia OÜ
Teaduspargi 8, 12618 Tallinn, Estonia
Tel +372 659 9470 Fax +372 659 9479
estonia@inspecta.com

Group headquarters: Inspecta Group Oy, Helsinki, Finland

TRUST & QUALITY www.inspecta.com

Product: Fire retardant for wood Ultra, Ultra-A, Ultra-TW

Details of the product description are presented in Jelgava MEKA test reports No1056-1/2014, No1056-2/2014, No1219-1/2014, No1219-2/2014, No1347-1/2015, No1347-2/2015, No 1896-1, 2114-1, 2114-2, 2114-3, 2114-4 and in classification reports No K01-1/2014, No K10/2014 and K01/2015 and Technical Specification of OÜ MultiPro System.

Product specification

State of matter	Liquid
Colour	Transparent
Density	1,1 g/cm ³
Reaction to fire class of treated wood	B-s1-d0

Field of application

This classification is valid for the following end use applications:

1. Product end use application is the fire retardant treatment of wood products (Ultra, Ultra-A, Ultra TW).
2. This classification is valid for following product variations:

I Wood board (Ultra):

- Thickness: valid for thickness 22mm and larger thicknesses.
- Chemical composition of fire retardant: valid only for product composition as tested.
- Wood species: a)valid for spruce, pine and birch wood.
b)valid for larch.
- Density: deviations within natural limits of wood species.
- Application: a)valid for fire retardant consumption equal or more than 300g/m².
b) valid for fire retardant consumption equal or more than 350g/m².
- Coatings: valid for products without additional coatings.

Classification valid for following substrates and air gaps:

- Mounting: a)valid only for product mounting without air gaps between product and substrate.
b)valid for product mounting with or without air gaps between product and substrate.
- Substrates: valid for product mounting on any substrate.
- Joint: a)product tested with vertical joints
b)product tested with horizontal joints.

II Wood cladding (Ultra):

- Thickness: valid for thickness 14 mm and larger thicknesses.
- Chemical composition of fire retardant: valid only for product composition as tested.
- Wood species: valid for spruce
- Density: deviations within natural limits of wood species.
- Application: valid for fire retardant consumption equal or more than 310g/m².

Inspecta Estonia OÜ
Teaduspargi 8, 12618 Tallinn
Tel +372 659 9470 Faks +372 659 9479
estonia@inspecta.com

Group headquarters: Inspecta Group Oy, Helsinki, Finland



- Coatings: valid for products without additional coatings.

Classification valid for following substrates and air gaps:

- Mounting: valid for product mounting with or without air gaps between product and substrate.
- Substrates: product performance determined on Minerit LW board substrate with 40mm cavity. Classification is valid for substrate of reaction to fire class at least B-s1-d0.
- Joint: product tested with horizontal joints.
- Specification of joints: tongue-groove joints

III Thermowood cladding (Ultra-TW):

- Thickness of panel: $\geq 20\text{mm}$.
- Chemical composition of fire retardant: valid only for product composition as tested.
- Wood species: valid for thermo treated pine.
valid for thermo treated spruce.
valid for thermo treated ashtfree.
- Density: deviations within natural limits of wood species.
- Application: valid for fire retardant consumption equal or more than $\geq 350\text{g/m}^2$.
- Coatings: valid for products without additional coatings.

Classification valid for following substrates and air gaps:

- Mounting: valid for product mounting with or without air gaps between product and substrate.
- Substrates: valid for product mounting on any substrate.
- Joint: thermo treated pine is tested with horizontal and vertical joints, thermo treated spruce and ashtfree are tested with horizontal joints.

IV Accoya wood cladding (Ultra-A):

- Thickness of panel: valid for thickness 15 mm and larger thicknesses.
- Chemical composition of fire retardant: valid only for product composition as tested.
- Wood species: valid for Accoya wood.
- Density: deviations within natural limits of wood species.
- Application: valid for fire retardant consumption equal or more than $\geq 350\text{g/m}^2$.
- Coatings: valid for products without additional coatings.

Classification valid for following substrates and air gaps:

- Mounting: valid for product mounting with or without air gaps between product and substrate.
- Substrates: valid for product mounting on any substrate.
- Joint: Accoya wood is tested with horizontal joints.

Inspecta Estonia OÜ
Teaduspargi 8, 12618 Tallinn
Tel +372 659 9470 Faks +372 659 9479
estonia@inspecta.com

Group headquarters: Inspecta Group Oy, Helsinki, Finland



TRUST & QUALITY www.inspecta.com

Marking

Product must be marked. Marking consisting of:

- fire resistance class;
- number of certificate;
- name of the Certification Body;
- name of manufacturer;
- year of manufacturing;
- product identification number.



Inspecta Estonia OÜ
Teaduspargi 8, 12618 Tallinn
Tel +372 659 9470 Faks +372 659 9479
estonia@inspecta.com

Group headquarters: Inspecta Group Oy, Helsinki, Finland

TRUST & QUALITY www.inspecta.com