



„MEŽA UN KOKSNES PRODUKTU PĒTNIECĪBAS UN ATTĪSTĪBAS INSTITŪTS” SIA
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Classification of reaction to fire in accordance with EN 13501-1:2018

Supplement to classification report

Issue number: K30-1/2019

Date of issue: 29.07.2019.

This is supplement to the report originally issued as No. K30/2019 dated 19.06.2019.

Sponsor: Vesterby Træteknik A/S.

Address: Thorsvej 12-14, 6862 Tistrup, Denmark.

Reg. No. 2211

Owner of classification report: Vesterby Træteknik A/S.

Manufacturer: Vesterby Træteknik A/S.

Prepared by: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (*Forest and Wood Products Research and Development Institute Ltd*).

Test performed at: SIA “Meža un koksnes produktu pētniecības un attīstības institūts” (*Forest and Wood Products Research and Development Institute Ltd*).

Product name: Fire retardant treated lamel panels.

Laboratory involved in testing is accredited by the Latvian National Accreditation Bureau (LATAK) according to the standard LVS EN ISO/IEC 17025 under the terms of Latvian legislation with reg. No. T-316. Laboratory is a notified body with reg. No. NB 2040 under construction product regulation Nr. 305/2011.

Supplement to classification report No. K30/2019 dated 19.06.2019.

Content of supplement report

There was an error in the original classification report, and product involved has not been retested.

Paragraph 2.2. "Product description" should be replaced with following information:

- Materials used for manufacturing:
 - 18 mm fire retardant birch plywood;
 - 0.6 mm oak veneer;
 - Product secrets
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 - back layer: black acoustic dew, Rockwool

Validity of corrected reports and of supplements to reports

The sponsor should ensure that the supplement to the report, in its entirety, is attached to each and every copy of the original report.

Reports are statements of fact are of unlimited validity.



Prepared by


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E. Bukšāns

Reviewed by


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K. Būmanis



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Classification report refers only to these test objects. This classification report may not be reproduced otherwise than in full text, excepted with the prior written approval of the Forest and Wood Products Research and Development Institute



1. Introduction

This classification report defines the reaction to fire classification assigned to fire retardant treated lamel panels in accordance with the procedures given in EN 13501-1:2018.

2. Details of classified product

2.1. General

Fire retardant treated lamel panels is defined as fire retardant treated birch plywood lamel paneling system for buildings.

2.2. Product description

- Product name: Fire retardant treated lamel panels.
- Panel geometry:
 - Width of lamel: 40 mm.
 - Distance between: 9 mm
- Manufacturer: Vesterby Træteknik A/S.
- Materials used for manufacturing:
 - 12 mm fire retardant birch plywood;
 - 0.6 mm oak veneer;
 - Product secrets
 -
 -
 - back layer: black acoustic dew, Rockwool

3. Test reports and test results in support of classification

3.1. Specific conditions

Not applicable

3.2. Test reports

Name of laboratory	Name of sponsor	Test reports	Test method
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	Vesterby Træteknik A/S	3692-1/2019	EN 13823:2010+A1:2014
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	Vesterby Træteknik A/S	3692-2/2019	EN ISO 11925-2:2010

3.3. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean	Compliance parameters
EN 13823:2010+A1:2014	FIGRA _{0,2MJ} (W/s)	6	111.1	Compliant
	FIGRA _{0,4MJ} (W/s)		77.6	(-)
	THR _{600s} (MJ) LFS		4.7 <1000 mm	Compliant Compliant
	SMOGRA(m ² /s ²)		2.2	Compliant
	TSP _{600s} (m ²)		40.8	Compliant
	Flaming droplets <10s Flaming droplets >10s		no no	Compliant Compliant
EN ISO 11925-2:2010 Exposure time 30 s. Test duration 60 s.	Flame spread (Fs)	12	Less than 150 mm	Compliant
	Ignition of filter paper		no	(-)
	Flaming droplets/particles		no	(-)
(-) not applicable				

4. Classification and field of application
4.1. Reference of classification

This classification has been carried out in accordance with clause 11 of EN 13501-1:2018.

4.2. Classification

Fire retardant treated lamel panels in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets/particles is:

d0

The format of the reaction to fire classification for construction product excluding floorings and linings is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

Reaction to fire classification: B-s1-d0

4.3. Field of application

4.3.1 This classification is valid for the following product end use applications:

Product primary is intended to use as acoustic panelling in buildings

4.3.2. This classification is also valid for following product parameters:

Thickness:	valid for product thickness as tested.
Composition:	valid for product composition as tested.
Panel geometry:	valid only for panel geometry as tested.
Plywood:	valid only for fire retardant birch plywood as tested.
Veneer:	valid only for oak veneer with thickness 0.6 mm.
Density of wood:	deviations within natural limits of birch plywood.
Coatings:	valid only with coating as tested.

4.3.3. Classification valid for installation parameters:

Mounting:	valid for product mounting without air gap between product and substrate.
Substrates:	product performance determined on wood frame structure with mineral wool filling and gypsum plasterboard substrate and classification is valid for product mounting on wood or steel frames with stone wool substrate with density $30 \pm 4,5 \text{ kg/m}^3$.
Joints:	product tested with standard vertical and horizontal joints.
Orientation:	product tested in vertical and horizontal lamel orientation and classification is valid for all arrangements.

5. Limitations.

5.1. No restrictions on the duration of validity of this classification report as long as the product specifications remain unchanged.

5.2. This document does not represent type approval or certification of the product.



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