



NoBo 1231

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**1231-CPR-1090-1-2400-B-377**

**EN 1090-1:2009/A1:2011**

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Staging modules M (Articlecodes 31xxxx) and Staging modules L (Articlecodes 325xxx)

**Intended use: Temporary or fixed installed raised flooring elements**

**We herewith declare the products are confrom the hereafter mentioned standards and performances**

Geometrical data	<b>EN 1090-3</b>
Weldability	<b>EN AW 6063T66 / 6005A / 6082T6 per EN 1999</b>
Fracture toughness	<b>NPD</b>
Load bearing capacity	<b>750kg/m2 / 10% lateral load</b>
Fatigue resistance	<b>NPD</b>
Resistance to fire	<b>NPD</b>
<b>Reaction to fire</b>	<b>N 13501-1 Cfl-s1 (Hex)</b>
Release of cadmium	<b>NPD</b>
Emission of radioactivity	<b>NPD</b>
Durability	<b>Woodplates confrom handbook of Finnish or Latvian plywood</b>
Constructive characteristics	<b>EN 1999 / DIN 15921 / EN 17736</b>
Design	<b>Method 2</b>
Manufacture	<b>EN 1090-2, EXC-2</b>

NDP = no performance declared

„MEŽA UN KOKSNES PRODUKTU PĒTNIECĪBAS UN ATTĪSTĪBAS INSTITŪTS” SIA

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## Classification of reaction to fire performance in accordance with EN 13501-1:2007+A1:2009

Issue number: K13/2018

Date of issue: 11.04.2018.

**Sponsor:** AS “Latvijas Finieris”.

Customer's address: Bauskas street 59, Riga, LV-1004, Latvia.

Reg. No. 40003094173.

**Owner of classification report:** AS “Latvijas Finieris”.

**Manufacturer:** AS “Latvijas Finieris”.

Address: Bauskas street 59, Riga, LV-1004, Latvia.

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

**Product name:** Plywood Riga Tex and Riga Heksa Plus.

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 No. 305/2011.

*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 plywood Riga Tex and Riga Heksa Plus in accordance with the procedures given in EN 13501-1:2007+A1:2009.

## 2. Details of classified product

### 2.1. General

Plywood Riga Tex and Riga Heksa Plus is defined as flooring material according product standard EN 13986:2004+A1:2015 (Plywood EN 636:2012+A1:2015).

### 2.2. Product description

- Product: Plywood Riga Tex and Riga Heksa Plus.
- Manufacturer: AS "Latvijas Finieris".
- Materials used for manufacturing:
  - birch veneers with 1.45 mm thickness;
  - phenol formaldehyde adhesive;
  - overlaid with dark brown phenolic film (220 g/m<sup>2</sup>);
  - top layer - phenol film with the special hexagonal structure (Riga Heksa Plus); small mesh (4,5 weave per cm) and large mesh (2,5 weave per cm) (Riga Tex).
- Product nominal thickness tested: 12 and 30 mm.

## 3. Test reports and test results in support of classification

### 3.1. Test reports

Name of laboratory	Name of sponsor	Test reports	Test method
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	AS "Latvijas Finieris".	2925-1/2018	EN ISO 9239-1:2010
SIA „Meža un koksnes produktu pētniecības un attīstības institūts” Testing Laboratory	AS "Latvijas Finieris".	2925-2/2018	EN ISO 11925-2:2010

### 3.2. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean	Compliance parameters
EN ISO 9239-1:2010 Test duration (30 min).	Critical heat flux CHF (kW/m <sup>2</sup> )	14	7.1	Compliant
	Heat flux at 30 <sup>th</sup> min HF-30		7.1	(-)
	Integrated smoke value TIS (%. min)		3.2	Compliant
EN ISO 11925-2:2010  Exposure time 15 s. Test duration 20 s.	Flame spread (Fs)	72	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 12 of EN 13501-1:2007+A1:2009.

### 4.2. Classification

Plywood Riga Tex and Riga Heksa Plus in relation to its reaction to fire behaviour is classified:

C<sub>fi</sub>

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire behaviour		Smoke production	
C <sub>fi</sub>	-	s	1

**Reaction to fire classification: C<sub>fi</sub>-s1**



### 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 floor coverings.

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

Thickness:	valid for product with thickness in range from 12 to 30 mm.
Density:	valid for product density variation within natural limits of birch wood.
Wood species:	valid only for birch wood.
Composition:	valid only for product composition as tested.
Coating:	valid for product coating as tested.

#### 4.3.3. Classification valid for installation parameters:

Substrates:	product performance determined on fibre cement board substrate and classification is valid for product mounting on substrates of reaction to fire class A1 and A2-s1-d0.
Orientation:	valid for any product orientation.

## 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.

5.3. The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Regulation.

The manufacturer has made a declaration, which is held on file. This confirms that the product's design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.



Prepared by

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E. Bukšāns

Reviewed by

(signature)

K.Būmanis