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EN ISO/IEC 17025
T-316

Classification of reaction to fire in accordance with EN 13501-1:2018

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Sponsor: "Baltic CG" SIA.

Address: Cesvaines street 4, Riga, LV-1073, Latvia.
Reg. No. 401033203755.

Manufacturer and owner of classification report: "ProfHolod" Limited.
Address: 141101, Moscow region, Schelkovo district, Schelkovo, Agrohim territory, building 58, Russia.
INN: 7705671650.

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: PIR board with film/film and paper/paper soft linings.

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.

1. Introduction

This classification report defines the reaction to fire classification assigned to PIR board with film/film and paper/paper soft linings in accordance with the procedures given in EN 13501-1:2018.

2. Details of classified product

2.1. General
PIR board with film/film and paper/paper soft linings is defined as thermal insulation product for buildings according to standard EN 13165:2012+A2:2016.

2.2. Product description

- Product: PIR board with film/film and paper/paper soft linings.
- Manufacturer: "ProfHolod" Limited.
- Materials used for manufacturing: insulation polyisocyanurate foam (PIR), film or paper.
- Product nominal thickness: 25 and 60 mm.
- Density of PIR insulating core: 31± 2 kg/m^3.

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	"Baltic CG" SIA	5080-3/2020	EN ISO 11925-2:2020
SIA „ Meža un koksnes produktu pētniecības un attīstības institūts" Testing Laboratory	"Baltic CG" SIA	5080-4/2020	EN ISO 11925-2:2020

3.3. Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean	Compliance parameters
EN ISO 11925-2:2020 Exposure time 15 s. Test duration 20 s.	Flame spread (Fs)	60	More 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

PIR board with foil/foil and fiberglass/fiberglass soft linings in relation to its reaction to fire behaviour is classified:

F

The additional classification in relation to smoke production is:

-

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

-

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

Fire behaviour		Smoke production			Flaming droplets	
F	-	s	-	,	d	-

Reaction to fire classification: F

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 a thermal insulation product for buildings.

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

Thickness:	valid for product thickness from 25 mm and thicker.
Product composition:	valid only for product composition as tested.
Density of PIR insulating core:	valid for variation of PIR density within ± 15 % limits of tested product density.
Facings:	valid only for product with the same facings as tested.

4.3.3. Classification valid for installation parameters:

Mounting:	-
Substrates:	product performance determined without any substrates.
Joints:	not applicable.
Orientation:	not applicable.

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 E. Bukšāns
(signature)

Reviewed by K.Būmanis
(signature)

s.p.

Mežā un koksnes produktu pētniecības un attīstības institūts Sabiedrība ar ierobežotu atbildību Latvijas Republika