



DECLARATION OF PERFORMANCE



No: DoP – 005-2020


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|---|--|---|
| 1 | Product Type:
Unique identification code of the product-type | Thermal insulation products for building, factory made rigid polyurethane foam (PU) |
| 2 | Type , batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): | PIR Plita® Board with rigid polyisocyanurate (PIR) with fiberglass/fiberglass covering |
| 3 | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: | Product is intended to use as thermal insulation for building |
| 4 | Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): | ProfHolod Ltd.
141101, Moscow region, Schelkovo district, Schelkovo, Agrohim territory, building 58.
Tel.: +7 (495) 745-01-37,
E-mail: info@profholod.com |
| 5 | Contact address:
Name and contact address of the official representative in EU | Self-employed Akopyan A.
Contact address: Ernst-Lemmer Str. 14 35041 Marburg, DE 255 410046,
Tel.: 0049 174 922 35 16,
E-mail: arakel@arakel.de |
| 6 | AVCP:
System of assessment and verification of constancy of performance (AVCP): | System 3 |
| 7 | Harmonized standard:
Notified bodies:
In case of the Declaration of Performance (DoP) concerning a construction product covered by a harmonised standard | EN 13165:2012+A2:2017
Building Research Institute – Certification Company, Ltd. (VUPS), NB 1516 , Prague, Prazska 16, Czech Republic.
Forest and Wood Products Research and Development Institute, Testing laboratory (MeKA), NB 2040 , Dobeles str. 41, Jelgava, Latvia
Institute for Testing and Certification (ITC ZLIN), NB 1023 , trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic
No. 1516-CPR-20-0023 , Issue date: 04.02.2020
No. A 018/ 2020 , Issue date: 30.01.2020.
No. 5080-2/2020 , Issue date: 21.10.2020.
Classification on reaction to fire K51/2020 , Issue date: 21.10.2020
No. 412109562-02 , Issue date: 20.02.2020. |
| | Test reports VUPS: | |
| | Test reports MeKA: | |
| | Test report ITC ZLIN: | |
| 8 | Notified body (ETA):
In case of the Declaration of Performance concerning a construction product for which a European Technical Assessment (ETA) has been issued: | Not applicable (refer to item 7) |
| 9 | Declared performance: | Presented in Table 1 |

Table 1

Essential characteristics	Performance			Harmonised technical specification
Density of PIR insulating core	37,23 kg/m ³			EN 13165:2012+ A2:2016
Reaction to fire (EN 13501-1)	Class E			
Thermal resistance (EN 12667)	Nominal thickness of the product d_N [mm]	Statistic value of thermal resistance $R_{90/90}$ [mm ² ·K/W]	Statistic of aged values of thermal resistance $R_{90/90,a}$ [mm ² ·K/W]	
	30	1,30	1,05	
	50	2,15	1,75	
	80	3,45	2,9	
Thermal conductivity λ_D	100	4,35	3,65	
	Statistical value of thermal conductivity, for declared λ_D			
	Statistic value of thermal conductivity	$\lambda_{90/90}$	0,023 W/(m · K)	
	Statistical of aged values of thermal conductivity, for declared $\lambda_{D,a}$			
	Thermal conductivity of initial values: mean statistical	$\lambda_{mean,i}$ $\lambda_{90/90,i}$	0,02120 W/(m·K) 0,02246 W/(m.K)	
Aged values of thermal conductivity $\lambda_{90/90}$, non or diffusion open facing, $d_N < 80$ mm $d_N \geq 80$ mm	$\lambda_{90/90,a}$ $\lambda_{90/90,a}$	0,028 W/(m·K) 0,027 W/(m·K)		
Comprehensive strength				CS (10\Y)130
Water absorption	Short term water absorption, W_p [kg ·m ⁻²]			0,15
Dimensional stability				DS (70.-)4 DS (23,90)2
Tensile / Flexural strength	Tensile strength perpendicular to faces			TR40
Acoustic absorption index	Sound absorption			NPD
Release of dangerous substances	Pentachlorophenol, mg/kg Formaldehyde emission, mg/kg			< 1 < 0,012

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by :

<p>Sergey Tokmakov General Director of ProfHolod Ltd.</p> <p>Schelkovo, Russia, 19/11/2020 Issue place and date</p>	<p>..... Signature</p> 
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EN 13165:2012+A2:2016

**PIR Plita® Board with rigid polyisocyanurate (PIR)
with fiberglass/fiberglass covering**

Product is intended to use as thermal insulation for building

Reaction to fire: E

**Thermal resistance $R_{90/90,a}$ accounting for aging 30(1,05), 50(1,75),
80(2,9), 100(3,65) mm² ·K/W**

Thermal conductivity coefficient accounting for aging λ_D 0,023 W/(m·K)

Thicknesses: 30, 50, 80, 100 mm