


1	<p><b>Product Type:</b> Unique identification code of the product-type</p>	<p><b>Thermal insulation products for building, factory made rigid polyurethane foam (PU)</b></p>
2	<p><b>Type</b>, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):</p>	<p><b>PIR Plita® Board with rigid polyisocyanurate (PIR) with foil/foil covering</b></p>
3	<p><b>Intended use</b> or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:</p>	<p><b>Product is intended to use as thermal insulation for building</b></p>
4	<p><b>Name, registered trade name</b> or registered trade mark and contact address of the manufacturer as required under Article 11(5):</p>	<p><b>ProfHolod Ltd.</b> 141100, Moscow region, Schelkovo district, Schelkovo, Agrohim territory, building 58. Tel.: +7 (495) 745-01-37, E-mail: <a href="mailto:info@profholod.com">info@profholod.com</a></p>
5	<p><b>Contact address:</b> Name and contact address of the official representative in EU</p>	<p><b>Self-employed Akopyan A.</b> Contact address: Ernst-Lemmer Str. 14 35041 Marburg, DE 255 410046, Tel.: 0049 174 922 35 16, E-mail: <a href="mailto:arakel@arakel.de">arakel@arakel.de</a></p>
6	<p><b>AVCP:</b> System of assessment and verification of constancy of performance (AVCP):</p>	<p><b>System 3</b></p>
7	<p><b>Harmonized standard:</b> <b>Notified bodies:</b> In case of the Declaration of Performance (DoP) concerning a construction product covered by a harmonised standard</p> <p>Test reports VUPS:</p> <p>Test reports MeKA:</p> <p>Test report ITC ZLIN:</p>	<p><b>EN 13165:2012+A2:2017</b> <b>Building Research Institute – Certification Company, Ltd. (VUPS), NB 1516</b>, Prague, Prazska 16, Czech Republic. <b>Forest and Wood Products Research and Development Institute, Testing laboratory (MeKA), NB 2040</b>, Dobeles str. 41, Jelgava, Latvia <b>Institute for Testing and Certification (ITC ZLIN), NB 1023</b>, trida Tomase Bati 299, Louky, 763 02 Zlin, Czech Republic <b>No. 1516-CPR-20-0023</b>, Issue date: 04.02.2020 <b>No. A 018/ 2020</b>, Issue date: 30.01.2020. <b>No. 5080-1/2020</b>, Issue date: 21.10.2020. Classification on reaction to fire <b>K51/2020</b>, Issue date: 21.10.2020 <b>No. 412109562-02</b>, Issue date: 20.02.2020.</p>
8	<p><b>Notified body (ETA):</b> In case of the Declaration of Performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:</p>	<p><b>Not applicable</b> (refer to item 7)</p>
9	<p>Declared performance:</p>	<p><b>Presented in Table 1</b></p>

Table 1

Essential characteristics	Performance			Harmonised technical specification
Density of PIR insulating core	37,23 kg/m <sup>3</sup>			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 <sup>2</sup> · K/W]	Statistic of aged values of thermal resistance $R_{90/90,a}$ [mm <sup>2</sup> · K/W]	
	25	1,08	0,87	
	30	1,30	1,05	
	40	1,72	1,40	
	50	2,15	1,75	
	60	2,58	2,10	
	70	3,02	2,54	
	80	3,45	2,90	
	90	3,88	3,26	
	100	4,35	3,65	
120	5,22	4,38		
140	6,09	5,11		
150	6,52	5,47		
Thermal conductivity $\lambda_D$	Statistical value of thermal conductivity, for declared $\lambda_D$			
	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	$\lambda_{mean,i}$	0,02120 W/(m·K)	
	statistical	$\lambda_{90/90,i}$	0,02246 W/(m·K)	
Aged values of thermal conductivity $\lambda_{90/90}$ , non or diffusion open facing, $d_N < 80$ mm	$\lambda_{90/90,a}$	$\lambda_{90/90,a}$	0,028 W/(m·K)	
		$\lambda_{90/90,a}$	0,027 W/(m·K)	
mm	$d_N \geq 80$			
Comprehensive strength	CS (10\Y)130			
Water absorption	Short term water absorption, $W_p$ [kg · m <sup>-2</sup> ]		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		< 1	
	Formaldehyde emission, mg/kg		< 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 :

General Director of ProfHolod Ltd. Sergey Tokmakov  Schelkovo, Russia, 03/02/2021 ..... Issue place and date	 ..... Signature
---	---



**ProfHolod Ltd.**

**141100, Moscow region, Schelkovo district, Schelkovo,  
Agrohim territory, building 58.**

**Tel.: +7 (495) 745-01-37, E-mail: [info@profholod.com](mailto:info@profholod.com)**

**20**

**EN 13165:2012+A2:2016**

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

**Product is intended to use as thermal insulation for building**

**Reaction to fire: E**

**Thermal resistance  $R_{90/90,a}$  accounting for aging 25(0,87), 30(1,05),  
40(1,40), 50(1,75), 60(2,10), 70(2,54), 80(2,90), 90(3,26), 100(3,65),  
120(4,38), 140(5,11), 150(5,47) mm<sup>2</sup> ·K/W**

**Thermal conductivity coefficient accounting for aging  $\lambda_D$  0,023 W/(m·K)**

**Thicknesses: 25, 30, 40, 50, 60, 70, 80, 90, 100, 120, 140, 150 mm**