



DECLARATION OF PERFORMANCE

Under the CPR EU 305/2011



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| 1 | Unique identification code of the product types: | Metal wall panels with PIR insulating core PROFHOLOD |
| 2 | Type, batch or serial number of any other element allowing identification of the construction product as required under Article 11(4) of the CPR: | Metal three-layer wall panels with an insulation of polyisocyanurate (PIR) with double skin from cold hire profiled steel thickness no less than 0,4 mm, painted by polyester paint, (thickness, mm: 40, 50, 60, 80, 100, 120, 150, 200). |
| 3 | Intended use or uses of the construction product in accordance with the applicable harmonized technical specification | Product is intended to use as wall insulation for external application. |
| 4 | Name and contact address of the manufacturer | LLC "ProfHolod"
12, Presnenskaya nab., Moscow, Russia, 123100
Reg. No. 40103431021
Phone: +7 (495) 745-01-37
E-mail: info@profpanel.ru |
| 5 | Name and contact address of the official representative in EU | SIA "CONCEPTUM"
Lubanas str. 78, Riga, LV-1073, Latvia
Phone: +371-677-95-225
E-mail: conceptum.sia@gmail.com |
| 6 | System of assessment and verification of constancy of performance of the construction product | System 3 |
| 7 | In case of the declaration of performance concerning a construction product covered by a harmonized standard: | In accordance with requirements of the harmonized standard EN 14509:2013 and also with Annex V, paragraph 3 of the CPR 305/2011 on base of Test reports: No. 1954-1/2016 issued 22.11.2016, No.1954-2-2016 issued 22.11.2016 and Classification of reaction to fire performance in accordance with EN 13501-1:2007+A1:2009 No. K41/2016 issued 22.11.2016 by FOREST AND WOOD PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE , Jelgava, Latvia (NB 2040, LATAK-T-316). Essential characteristics of product are indicated in Table 1. |
| 8 | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: | Not applicable |

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Table 1: Performance of the **Metal wall panels with PIR insulating core PROFHOLOD** according requirement of harmonized standard EN 14509:2013:

Essential characteristics	Performance								Standards
Thickness (mm)	40	50	60	80	100	120	150	200	EN 14509:2013
Thermal transmittance (W/m²K)	0,33	0,29	0,26	0,21	0,18	0,15	0,13	0,10	
Mass (kg/ m²)	9,6	10	10,4	11,2	12	12,8	14	16	
Reaction to fire (Euroclass)	Fire behaviour			Smoke production		Flaming droplets			Testing according to EN 14509
	B		-	s2		-	d0		Classification according to EN 13501-1:2007+A1:2009 + indication on mounting and fixing method according to Annex A
Description*	Difficult inflammable			Slight smoke formation		No flaming droplets within 600 seconds			
Release of dangerous substances	Total emission of VOC contents is about 0,01 % m/m								VOC emission was determined by using gas chromatography with mass spectrometry detector "Shimadzu"
Bending moments (kNm/m)	4,0	4,5	5,0	6,0	7,5	8,0	8,5	9,0	EN 14509:2013
Density (kg/m³)	35 - 42								
Tensile strength (MPa)	0,07								
Compressive strength (MPa)	0,11								
Shear modulus	3,2								
Shear strength (MPa)	0.090								
Internal steel gauge (mm)	min 0,4mm; max 0,8mm								EN 10346
External steel gauge (mm)	min 0,4mm; max 0,8mm								EN 10346

- 9 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 (name, position) :

S. Tokmakov
CEO LLC "ProfHolod"

Moscow, 01/03/2017

Issue place and date

Signature