



DECLARATION OF PERFORMANCE

Under the CPR EU 305/2011

Year of CE marking: 2017



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:	Self-supporting double skin metal faced insulating panels with rigid polyisocyanurate (PIR) foam core.
3	Intended use or uses of the construction product in accordance with the applicable harmonized technical specification	Product is intended to be used as external walls, wall cladding, partition walls and ceilings.
4	Name and contact address of the manufacturer	“ProfHolod” Ltd., 141100, Moscow region, Schelkovo district, Schelkovo, Agrohim territory, building 58, OGRN (Principal State Registration Number): 1057747365279 Phone: +7 (495) 240-83-14 E-mail: info@profholod.com Website: www.profholod.com
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 to the 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 conductivity (W/m·K)	0,022								
Thermal transmittance (W/m ² ·K)	0,51	0,41	0,35	0,26	0,21	0,18	0,14	0,11	
Mass (kg/m ²)	9,5	9,9	10,7	11,6	12,4	13,2	14,5	16,6	
Reaction to fire (Euroclass)	B-s2-d0 Fire behaviour (B) – difficult inflammable; Smoke production (s2) – slight smoke formation; Flaming droplets (d0) – no flaming droplets within 600 seconds.								Testing according to EN 14509 Classification according to EN 13501-1:2007+A1:2009 + indication on mounting and fixing method according to Annex A
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/m ³)	35-42								EN 14509:2013
Tensile strength (MPa)	0,07								EN 14509:2013
Compressive strength (MPa)	0,11								EN 14509:2013
Shear modulus	3,2								EN 14509:2013
Shear strength (MPa)	0.090								EN 14509:2013
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
General Director "ProfHolod" Ltd.

Moscow, 25/01/2022

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Issue place and date

