DECLARATION OF PERFORMANCE

No. 28.04/W PIR-W

1. Unique product type identification code:

IzoWall PIR-W (WPW)

2. Intended use(s):

External walls and wall cladding, partition walls and suspended ceilings within the building structure

3 Manufacturer:

IZOPANEL Sp. z o.o.
ul. Budowlanych 36, 80-298 Gdańsk
Phone: **+48 58 340 17 17**, Fax: **+48 58 340 17 18**, E-mail: **info@izopanel.pl**

5 System(s) for assessment and verification of constancy of performance:

System 1

6a. Harmonised standard:

EN 14509:2013 "Self-supporting double skin metal faced insulating panels. Factory made products. Specification"

Notified body(ies):

- **Certbud Sp. z o.o. – Notified body No. 2310**
- **Instytut Techniki Budowlanej – Notified body No.1488**

7 Declared performance:

Essential characteristics	**Performance**					
Mechanical strength						
Shear strength; f_{cv}[MPa]	0,075					
Modulus of rigidity; G_C [MPa]	1,8					
Long-term shear strength; f_{cvt} [MPa]	0,024					
Compressive strength; f_{cc} [MPa]	0,065					
Cross panel tensile strength; f_{ct} [MPa]	0,06					
Critical stress of span; δ_W [MPa] Side (external/internal)	***Panel thickness** [mm]*	***60***	***80***	***100***	***120***	***200***
	External side	176	176	188	166	166
	Internal side	181	174	174	166	166
Critical stress over support; δ_W [MPa] Side (external/internal)	***Panel thickness** [mm]*	***60***	***80***	***100***	***120***	***200***
	External side	171	160	160	127	127
	Internal side	139	136	136	115	115
Bending moment in span; M_u [kNm/m]	***Panel thickness** [mm]*	***60***	***80***	***100***	***120***	***200***
	External side	4,81	6,44	8,64	9,13	15,26
	Internal side	4,98	6,36	7,99	9,13	15,29
Bending moment over support;$_{Mu}$ [kNm/m] Side (external/internal)	***Panel thickness** [mm]*	***60***	***80***	***100***	***120***	***200***
	External side	4,68	5,85	7,33	7,00	11,67
	Internal side	3,81	4,97	6,25	6,32	10,58
Thermal conductivity; U [W/m^{2}K]	***Panel thickness** [mm]*	***60***	***80***	***100***	***120***	***200***
	Thermal conductivity	0,36	0,27	0,22	0,18	0,11
Creep coefficient						
$\varphi_{t=2000h}$	NPD					
$\varphi_{t=100000h}$	NPD					
Heat transfer coefficient; [$\lambda_{declared}$] [W/mK]	0,022					
Reaction to fire	B-s2,d0					

Essential characteristics	**Performance**					
Panel thickness *[mm]*	***60***	***80***	***100***	***120***	***200***	
Resistance to fire	NPD		EI 30			
Flexural strength (ceilings)	NPD					
Water permeability	Class A					
Air permeability	Thrust		Suction			
	n = 0,8388		n = 1,1072			
	C = 0,0116		C = 0,0074			
Water vapour permeability	Vapour-proof					
Weighted sound reduction index; $R_w(C,C_{tr})$ [dB]	***Panel thickness*** *[mm]*	***60***	***80***	***100***	***120***	***200***
	Sound insulation	24 (-3;-5)	NPD	24 (-3;-4)	NPD	26 (-3;-4)
Sound absorption; α_w	***Panel thickness*** *[mm]*	***60***	***80***	***100***	***120***	***200***
	Sound absorption	0,15	NPD	0,10	NPD	0,10
Durability	Pass – all colours					
Hazardous substances	NPD					

Website address where this declaration of performance has been made available:

www.izopanel.pl

The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance has been issued in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the above manufacturer.

Signed on behalf of the manufacturer by:

Karol Pawłowski

(name, surname):

Gdańsk, 21.07.2026

(place and date)

(signature)