DECLARATION OF PERFORMANCE

No. 13.04/G PIR-N

1. Unique identification code of the product-type

IzoGold PIR-N

2. Intended use or uses:

External and internal wall elements

3. Producent:

IZOPANEL Sp. z o.o.
ul. Budowlanych 36, 80-298 Gdańsk
Tel.: **+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:

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6a. Harmonised standard

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

Notified body or bodies:

- **Certbud sp. z o.o. – Notified Body No. 2310**
- **Building Research Institute – Notified Body No. 1488**
- **FIRES s.r.o. – Notified Body No. 1396**

7. Declared performance:

General characteristics	Performance			
Tensile strenght; f_{ct} [MPa]	0,08			
Compressive strenght; f_{cc} [MPa]	0,1			
Shear strenght; f_{cv}[MPa]	0,1			
Creep coefficient; $\varphi_{t=2000h}$	1,57			
Creep coefficient; $\varphi_{t=100000h}$	2,44			
Long-term shear strenght; f_{cvt} [MPa]	0,04			
Shear modulus; G_C [MPa]	2,5			
Critical stress [MPa]:	**L**(line)	**R**(groove)	**M**(micro)	**E**(smooth)
Ext.side-span – ambient temp.	128	108	93	52
Ext.side-span-increased temp.	120	101	87	48
Ext.side-support-ambient temp.	100	84	73	40
Ext.side-support-increased temp.	92	78	67	37
Int.side-span-ambient temp.	119	100	85	41
Int.side-span-increased temp.	112	94	80	39
Int.side-support-ambient temp.	85	71	61	29
Int.side-support-increased temp.	78	65	56	27
Bending moment [kNm/m]:				
***Panel thickness** [mm]*	***60***	***80***	***100***	***120***
Line, moment in span, ext. cladding - normal temp.	3,43	4,58	5,73	6,89
Line, moment in span, ext. cladding - increased temp.	3,22	4,30	5,38	6,46
Line, moment in span, int. cladding - normal temp.	2,55	3,41	4,26	5,12
Line, moment in span, int. cladding - increased temp.	2,40	3,21	4,01	4,82
Line, moment on support, ext. cladding - normal temp.	2,68	3,58	4,48	5,38
Line, moment on support, ext. cladding - increased temp.	2,47	3,29	4,12	4,95
Line, moment on support, int. cladding - normal temp.	2,10	2,81	3,51	4,22
Line, moment on support, int. cladding - increased temp.	1,99	2,66	3,33	4,00
Groove, moment in span, ext. cladding - normal temp.	2,89	3,87	4,84	5,81
Groove, moment in span, ext. cladding - increased temp.	2,71	3,62	4,52	5,43
Groove, moment in span, int. cladding - normal temp.	2,14	2,86	3,58	4,30
Groove, moment in span, int. cladding - increased temp.	2,02	2,69	3,37	4,05
Groove, moment in support, ext. cladding - normal temp.	2,25	3,01	3,76	4,52

General characteristics		Performance			
Groove, moment on support, ext. cladding - increased temp.		2,09	2,79	3,49	4,20
Groove, moment on support, int. cladding - normal temp.		1,76	2,35	2,94	3,53
Groove, moment on support, int. cladding - increased temp.		1,67	2,23	2,80	3,36
Micro, moment in span, ext. cladding - normal temp.		2,49	3,33	4,17	5,00
Micro, moment in span, ext. cladding - increased temp.		2,33	3,11	3,90	4,68
Micro, moment in span, int. cladding - normal temp.		1,82	2,43	3,05	3,66
Micro, moment in span, int. cladding - increased temp.		1,72	2,29	2,87	3,44
Micro, moment on support, ext. cladding - normal temp.		1,96	2,61	3,27	3,93
Micro, moment on support, ext. cladding - increased temp.		1,80	2,40	3,00	3,60
Micro, moment on support, int. cladding - normal temp.		1,50	2,00	2,51	3,01
Micro, moment on support, int. cladding - increased temp.		1,44	1,92	2,40	2,88
Smooth, moment in span, ext. cladding - normal temp.		1,39	1,86	2,33	2,80
Smooth, moment in span, ext. cladding - increased temp.		1,29	1,72	2,15	2,58
Smooth, moment in span, int. cladding - normal temp.		0,88	1,17	1,47	1,76
Smooth, moment in span, int. cladding - increased temp.		0,84	1,12	1,40	1,68
Smooth, moment on support, ext. cladding - normal temp.		1,07	1,43	1,79	2,15
Smooth, moment on support, ext. cladding - increased temp.		0,99	1,32	1,66	1,99
Smooth, moment on support, int. cladding - normal temp.		0,73	0,97	1,22	1,46
Smooth, moment on support, int. cladding - increased temp.		0,69	0,92	1,15	1,38
Creep coefficient					
$\varphi_{t=2000h}$		1,57			
$\varphi_{t=100000h}$		2,44			
Thermal transmittance; U	***panel thickness*** *[mm]*	***60***	***80***	***100***	***120***
[W/m^{2}K]	Thermal transmittance	0,4	0,28	0,22	0,18
Thermal conductivity [$\lambda_{declared}$] [W/mK]		0,022			
Reaction to fire		B-s2,d0			
Fire resistance	***panel thickness*** *[mm]*	***60-80***		***100-120***	
	Resistance to fire	NPD		EI 15	
Bending tensile strength (ceilings)		NPD			
Water permeability		Class A			
Air permeability		*thrust*		*suction*	
		n = 0,7578		n = 0,7778	
		C = 0,0335		C = 0,0115	
Water vapour permeability		Vapour-proof			
Airborne sound insulation; $R_w(C,C_{tr})$ [dB]		26(-3,-5)			
Sound absorption α_w		0,15			
Durability		Pass – all colours			
Dangerous substances		NPD			

Web address where this Declaration of Performance is made available:

www.izopanel.pl

Performance of the above product is in compliance with Declared Performance Package. This Declaration of Performance is issued, in accordance with Regulation (EU) no. 305/2011, at the sole responsibility of the manufacturer as indicated above.

On behalf of the manufacturer signed by:

Karol Pawłowski

(Full name)

PODPIS ZAUFANY
KAROL
PAWŁOWSKI
07.08.2026 11:31:32 GMT+0200
Dokument podpisany elektronicznie
podpisem zaufanym

Gdańsk, dnia 21.07.2026

(place and date)

(signature)