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, www.izopanel.pl

CE

DECLARATION OF PERFORMANCE

Number: 14509/12/IzoGold 120 PIR + .3

1. Unique identification code of the product type:

   IzoGold 120 PIR +

2. Element introduced for identification of the construction product:

   "Batch Number" (production date / production shift) placed on the product label is the element introduced for unambiguous identification of the production process.

3. Intended use:
   - **Outside walls and wall casing**
   - **Interior walls (including partition walls)**

   Profiling type:
   - L - Lineation
   - R - Grooving
   - M - Microprofiled
   - E - Smooth

4. Manufacturer:

   Izopanel sp. z o.o.
   80-298 Gdańsk
   ul. Budowlanych 36

5. System of assessment and verification of performance constancy:

   System 3

6. Notified bodies participating in the process of performance assessment:

Name:	Address:	Notification No.
Building Research Institute	ul. Filtrowa 1 00-611 Warszawa	1488
FIRES s.r.o	Osloboditeľov 282 059-35 Batizovce	1396

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7. Declared performance

Essential characteristics	Performance				Harmonized technical specification
Core density; ρ	40 ± 3 [kg/m^3]				PN-EN 14509
Panel thickness; D	120 [mm]				PN-EN 14509
Outside face - thickness; t_1	≥0,5 [mm]				PN-EN 14509
Outside face - steel type	≥S250GD				PN-EN 10346
Inside face - thickness; t_2	≥0,4 [mm]				PN-EN 14509
Inside face - steel type	≥S250GD				PN-EN 10346
Coat	SP;GS;GX;GF;EC;FS;HP;PR				PN–EN 14509
Weight	10,9÷15,3 [kg/m²]				PN–EN 14509
Thermal transmittance; U	0.18 [W/m²K]				PN-EN 14509
Reaction to fire	B-s2,d0				PN-EN 14509
Fire resistance	NPD				PN-EN 1364-1
Fire propagation	NRO				PN-B-02867:1 9990/Az1:2001
Airborne sound insulation; $R_w(C,C_{tr})$	26(-3,-5) [dB]				PN-EN 14509
Sound absorption; α_w	0,15				PN-EN 14509
Air permeability	Total tightness ± 50Pa				PN-EN 14509
Water permeability	Class A				PN-EN 14509
Mechanical properties:					
Tensile strength; f_{ct}	0,08 [Mpa]				PN-EN 14509
Compressive strength; f_{cc}	0,1 [Mpa]				PN-EN 14509
Shear strength; f_{cv}	0,1 [Mpa]				PN-EN 14509
Creep coefficient; $\varphi_{t=2000h}$	1,57				PN-EN 14509
Creep coefficient; $\varphi_{t=100000h}$	2,44				PN-EN 14509
Shear strength after long-term loading ; f_{cvt}	0,04 [Mpa]				PN-EN 14509
Cross-panel tensile modulus; G_C	2,5 [Mpa]				PN-EN 14509
Critical stresses:	**L**	**R**	**M**	**E**	
outside; span; ambient temperature	128 [Mpa]	108 [Mpa]	93 [Mpa]	52 [Mpa]	PN-EN 14509
outside; span; elevated temperature	120 [Mpa]	101 [Mpa]	87 [Mpa]	48 [Mpa]	PN-EN 14509
outside; support; ambient temperature	100 [Mpa]	84 [Mpa]	73 [Mpa]	40 [Mpa]	PN-EN 14509
outside; support; elevated temperature	92 [Mpa]	78 [Mpa]	67 [Mpa]	37 [Mpa]	PN-EN 14509
inside; span; ambient temperature	119 [Mpa]	100 [Mpa]	85 [Mpa]	41 [Mpa]	PN-EN 14509
inside; span; elevated temperature	112 [Mpa]	94 [Mpa]	80 [Mpa]	39 [Mpa]	PN-EN 14509
inside; support; ambient temperature	85 [Mpa]	71 [Mpa]	61 [Mpa]	29 [Mpa]	PN-EN 14509
inside; support; elevated temperature	78 [Mpa]	65 [Mpa]	56 [Mpa]	27 [Mpa]	PN-EN 14509

8. 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:

"IZOPANEL" sp. z o.o.
ul. Budowlanych 36, 80-298 Gdańsk
tel. 058/340-17-17, fax 058/340-17-18
NIP 957-07-96-041

Karol Pawłowski

Gdańsk, 08.08.2015 r.

Manager

Research, Development and Quality Control Department