

Documentation for product:

Self-supporting double skin metal faced insulating panels, with PIR core
GORLICKA GS-PIR

DECLARATION OF PERFORMANCE

No. G/PIR-06/2017

12

Unique identification code of the product-type:

<i>for product group Gorlicka D GS-PIR:</i>	<i>for product group Gorlicka S GS-PIR:</i>	<i>for product group Gorlicka CH GS-PIR:</i>	<i>for product group Gorlicka U GS-PIR:</i>
GORLICKA D40 GS-PIR	GORLICKA S40 GS-PIR	GORLICKA CH100 GS-PIR	GORLICKA U60 GS-PIR
GORLICKA D60 GS-PIR	GORLICKA S60 GS-PIR	GORLICKA CH120 GS-PIR	GORLICKA U80 GS-PIR
GORLICKA D80 GS-PIR	GORLICKA S80 GS-PIR	GORLICKA CH160 GS-PIR	GORLICKA U100 GS-PIR
GORLICKA D100 GS-PIR	GORLICKA S100 GS-PIR	GORLICKA CH200 GS-PIR	GORLICKA U120 GS-PIR
GORLICKA D120 GS-PIR			GORLICKA U140 GS-PIR
GORLICKA D160 GS-PIR			

Harmonised standard: PN-EN 14509:2013 (EN 14509:2013)

System/s of AVCP: System 3

Notified bodies:

 Instytut Techniki Budowlanej, ul. Filtrowa 1, 00-611 Warszawa (Nr. 1488)
 FIRES, s.r.o, Osloboditelov 282, 05935 Batizovce (Nr. 1396)

Intended use/es: See Annex 1-4 (Exterior and interior walls, ceilings, roof coverings)

Declared performances:

<i>for product group Gorlicka D GS-PIR:</i>	<i>for product group Gorlicka S GS-PIR:</i>	<i>for product group Gorlicka CH GS-PIR:</i>	<i>for product group Gorlicka U GS-PIR:</i>
Annex nr 1	Annex nr 2	Annex nr 3	Annex nr 4

Manufacturer:/Place of manufacture: GÓR-STAL Sp. z o.o., ul. Przemysłowa 11, 38-300 Gorlice, POLAND

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

 "GÓR-STAL" Sp. z o.o.
 38-300 Gorlice, ul. Przemysłowa 11
 tel. 018 353 98 00
 REGON 852712117 NIP 738-19-45-154

DYREKTOR PRODUKCJI
Piotr Grzywa

Gorlice, 01-02-2018

place and date of issue

signed for and on behalf of the manufacturer by

P-10.1.Z5.G, ENGLISH

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Annex 2 to DECLARATION OF PERFORMANCE



Declaration no: G/PIR-06/2017, date: 01-02-2018

Produkt group / Generic name	GORLICKA S GS-PIR
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Description of product:

Intended uses	External and internal walls	
Type of core	Rigid PIR foam core with density 40 kg/m ³	
Facing (outer/inner site)	Facing type	Bilateral galvanized steel faces
	Steel parameters	Yield strength ≥ 220 N/mm ²
	Thickness	0,4-0,7 mm
	Coating	HDX, HDP, HPS, PVCF, PVDF, SP, PUR
Facing profile	Outer	L(linear), M(microprofiling), F(wavy), R(grooving), G(smooth)
	Inner	L(linear), G(smooth)
Modular width	1000 mm, 1140 mm	
Panel's designation	Panel Gorlicka S GS-PIR Module Profil. outer/inner	

Declared performance/s:

Unique identification code of the product-type /Name Thickness	Gorlicka S40 GS-PIR	Gorlicka S60 GS-PIR	Gorlicka S80 GS-PIR	Gorlicka S100 GS-PIR	Classification	
40 mm	40 mm	60 mm	80 mm	100 mm		
Essential characteristics	Value of parameters				Classification	
Parameters						
Thermal properties						
Thermal conductivity, λ _D	W/m*K	0,022				Classification
Thermal transmittance, U _{d,s}	W/m ² *K	0,57	0,37	0,27	0,22	
Mechanical properties						
Compressive strength (core)	MPa	0,12				PN-EN 14509:2013 (EN 14509:2013)
Tensile strength	MPa	0,06				
Shear strength	MPa	0,13	0,12	0,10	0,10	
Shear modulus (core)	MPa	3,2	3,2	3,0	2,9	
Bending resistance in the span	kNm/m	2,60	4,90	8,00	7,50	
Bending resistance in the span						
Bending resist. at an internal support	kNm/m	2,00	3,00	4,50	4,70	
Bending resist. at an internal support						
Reaction to fire (all applications)	B-s2,d0	B-s1,d0				
Fire resistance	NPD		EI 15 <i>(Details in the classification)</i>			
Water permeability	NPD					
Water vapour permeability	„Impermeable”					
Air permeability	NPD					
Airborne sound insulation	23(-2,-3) dB					
Sound absorption	0,1 dB					
Dimensional tolerances	„Pass” (Thickness: ±2mm)					
Durability	„Pass”					
Dengerous substances	NPD					

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