


DECLARATION OF PERFORMANCE

No. G/PUR-03/2016

Product's description:
**Self-supporting double skin metal faced insulating panels
with PUR core**
Unique identification code of the product-type:

for product group Gorlicka D:	for product group Gorlicka S:	for product group Gorlicka CH:	for product group Gorlicka U:
GORLICKA D40	GORLICKA S40	GORLICKA CH100	GORLICKA U60
GORLICKA D60	GORLICKA S60	GORLICKA CH120	GORLICKA U80
GORLICKA D80	GORLICKA S80	GORLICKA CH160	GORLICKA U100
GORLICKA D100	GORLICKA S100	GORLICKA CH200	GORLICKA U120
GORLICKA D120			
GORLICKA D160			

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

System/s of AVCP: 3

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

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

Declared performances:

for product group Gorlicka D:	for product group Gorlicka S:	for product group Gorlicka CH:	for product group Gorlicka U:
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 (and with Regulation (EU) No 574/2014), 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

Gorlice, 2016-11-03

place and date of issue

"GÓR-STAL" Sp. z o.o.
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 REGON 852712117 NIP 738-19-45-154
DYREKTOR PRODUKCJI
Piotr Grzywa

signed for and on behalf of the manufacturer by

P-10.1.Z5.G. ENGLISH

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 Kapitał Zakładowy: 5 000 000 zł
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 38-300 Gorlice

 KRS: 0000166841
 Sąd Rejonowy dla Krakowa Śródmieścia w Krakowie
 XII Wydział Gospodarczy Krajowego Rejestru Sądowego

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 Adres Fabryki Paneli Termoizolacyjnych w Bochni
 ul. Adolfa Mitera
 32-700 Bochnia

**Annex 2 to DECLARATION OF PERFORMANCE
DATASHEETS**



Declaration no: G/PUR-03/2016, date: 03.11.2016

Produkt group	GORLICKA S
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Description of product:

Intended uses	External and internal walls	
Type of core	Rigid PUR foam core with density 40 kg/m ³	
Facing (outer/inner site)	Facing type	Bilateral galvanized steel faces
	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 Module Profil. outer/inner	

Declared performance/s: (classification acc. PN-EN 14509:2013):

Unique identification code of the product-type /Name		Gorlicka S40	Gorlicka S60	Gorlicka S80	Gorlicka S100	-				
parameters		value of parameters				method				
Thickness		40 mm	60 mm	80 mm	100 mm	PN-EN 14509				
Dimensional tolerances		„Pass“ (Thickness: ±2mm)				PN-EN 14509				
Thermal conductivity, λ _D	W/m*K	0,022				PN-EN ISO 10456				
Thermal transmittance, U	W/m ² *K	0,57	0,37	0,27	0,22	PN-EN 14509				
Compressive strength (core)	kPa	120				PN-EN 826				
Tensile strength	kPa	100				PN-EN 1607				
Shear strength	kPa	130	120	100	100	PN-EN 14509				
Shear modulus (core)	kPa	3 200	3 200	3 000	2 900					
Density	kg/m ³	40 ± 3				PN-EN 1602				
Bending resistance in the span	positiv.	ambient temperature	kNm/m	2,50	4,70	5,80	8,80	PN-EN 14509		
Bending resistance in the span	negativ.			2,10	2,60	3,50	5,30			
Wrinkling strength in the span (external face)			MPa	125	125	145	145			
Wrinkling strength in the span (internal face)				115	85	85	85			
Bending resist. at an internal support	positiv.		kNm/m	1,90	2,90	4,80	6,00			
Bending resist. at an internal support	negativ.			2,10	2,90	3,90	4,90			
Wrinkling strength at int. support (internal f.)			MPa	110	110	120	140			
Wrinkling strength at int. support (external f.)				110	95	95	95			
Bending resistance in the span	positiv.		elevated temperature	kNm/m	2,40	4,60	5,60		8,50	PN-EN 14509
Bending resistance in the span	negativ.				2,00	2,50	3,40		5,10	
Wrinkling strength in the span (external face)		MPa		125	125	140	140			
Bending resist. at an internal support	positiv.			kNm/m	1,90	2,80	4,60	5,80		
Bending resist. at an internal support	negativ.	2,10			2,80	3,80	4,70			
Wrinkling strength at int. support (external f.)		MPa		105	95	95	95			
Reaction to fire (all applications)		B-s2,d0				PN-EN 13501-1				
Fire resistance		NPD		E15 / E15 <i>Details in the classification</i>			PN-EN 13501-2			
Water permeability		NPD				PN-EN 12865				
Water vapour permeability		„Impermeable“				PN-EN 14509				
Air permeability		NPD				PN-EN 12114				
Airborne sound insulation		23(-2,-4) dB				PN-EN ISO 10140-3				
Sound absorption		0,1 dB				PN-EN ISO 354				
Facing properties		yield strength ≥ 220 N/mm ²				PN-EN 10346				
Durability – all colours		„Pass“				PN-EN 14509				
Dengerous substances		NPD				PN-EN 12114				