


**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.**  
 38-300 Gorlice, ul. Przemysłowa 11  
 tel. 018 353 98 00  
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**DYREKTOR PRODUKCJI**
**Piotr Grzywa**

signed for and on behalf of the manufacturer by

P-10.1.Z5.G. ENGLISH

 GÓR-STAL sp. z o.o. ul. Przemysłowa 11, 38-300 Gorlice  
 tel/fax: +48 (18) 353 98 00  
 e-mail: info@gor-stal.pl / www.gor-stal.pl

 Kapitał Zakładowy: 5 000 000 zł  
 NIP: 738-19-45-154  
 REGON: 852712117

 Adres Fabryki Płyt Warstwowych w Gorlicach  
 ul. Przemysłowa 11  
 38-300 Gorlice

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

 Bank Zachodni WBK S.A.  
 ul. Rynek 9/11, 50-950 Wrocław  
 94 1090 1838 0000 0001 1562 8092

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

**Annex 4 to DECLARATION OF PERFORMANCE  
DATASHEETS**



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

<b>Produkt group</b>	<b>GORLICKA U</b>
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**Description of product:**

Intended uses	External and internal walls	
Type of core	Rigid <b>PUR</b> foam core with density 40 kg/m <sup>3</sup>	
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	
Panel's designation	Panel Gorlicka U   Module   Profil. outer/inner	

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

Unique identification code of the product-type /Name		Gorlicka U60	Gorlicka U80	Gorlicka U100	Gorlicka U120	-		
parameters		value of parameters				method		
Thickness		60 mm	80 mm	100 mm	120 mm	PN-EN 14509		
Dimensional tolerances		„Pass” (Thickness: ±2mm for ≤100mm and 2% for ≥100mm)				PN-EN 14509		
Thermal conductivity, λ <sub>D</sub>	W/m*K	0,022				PN-EN ISO 10456		
Thermal transmittance, U	W/m <sup>2</sup> *K	0,38	0,28	0,22	0,18	PN-EN 14509		
Compressive strength (core)	kPa	120				PN-EN 826		
Tensile strength	kPa	100				PN-EN 1607		
Shear strength	kPa	120	100	100	100	PN-EN 14509		
Shear modulus (core)	kPa	3200	3000	2900	2800			
Density	kg/m <sup>3</sup>	40 ± 3				PN-EN 1602		
Bending resistance in the span	positiv.	kNm/m	4,70	5,80	8,80	9,80	PN-EN 14509	
Bending resistance in the span	negativ.		2,60	3,50	5,30	6,50		
Wrinkling strength in the span (external face)		MPa	125	145	145	165		
Wrinkling strength in the span (internal face)			85	85	85	120		
Bending resist. at an internal support	positiv.	kNm/m	2,20	3,00	4,50	5,70		
Bending resist. at an internal support	negativ.		3,80	4,50	5,60	6,90		
Wrinkling strength at int. support (internal f.)		MPa	95	95	110	120		
Wrinkling strength at int. support (external f.)			125	110	110	115		
Bending resistance in the span	positiv.	kNm/m	4,60	5,60	8,50	9,50		PN-EN 14509
Bending resistance in the span	negativ.		2,50	3,40	5,10	6,30		
Wrinkling strength in the span (external face)		MPa	125	140	140	160		
Bending resist. at an internal support	positiv.		kNm/m	2,20	2,90	4,40	5,50	
Bending resist. at an internal support	negativ.	3,70		4,30	5,40	6,70		
Wrinkling strength at int. support (external f.)		MPa	125	110	110	110		
Reaction to fire (all applications)		B-s2,d0				PN-EN 13501-1		
Fire resistance		NPD		E 15 / EW 15		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 <sup>2</sup>				PN-EN 10346		
Durability – all colours		„Pass”				PN-EN 14509		
Dengerous substances		NPD				PN-EN 12114		