

This declaration of performance concerns to **GS MW S** products **GS MW CH** products- Self-supporting double skin metal faced insulating panels with MINERAL WOOL core (galvanized or stainless steel faces, yield strength ≥ 220 N/mm²), thickness (outer/inner) min. 0,5 / 0,5 mm and for all organic coatings. Modular width: 1000 or 1140 mm. Facing profile: L(linear), M(microprofiling), F(wavy), R(grooving), P(smooth).



DECLARATION OF PERFORMANCE

no CH.S/MW/04/2021



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Unique identification code of the product-type:

- **GS MW S** [thickness d_N] [modulus: 1000 or 1140] [outer/inner profil.: L,M,F,R,P / L,P]
- **GS MW CH** [thickness d_N] [modulus: 1000 or 1140] [outer/inner profil.: L,M,F,R,P / L,P]

Harmonised standard: EN 14509:2013

System/s of AVCP: System 3

Notified body/ies: ICiMB (Nr 1487), Fires (Nr 1396)

Intended use/es: Internal and external walls

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

Declared performance/s:

Unique identification code of the product-type:	GS MW S80	GS MW CH100	GS MW CH120	GS MW CH160	GS MW CH200	Classification	
	modulus: 1000, 1140, profil.: L,M,F,R,P / L,P						
Thickness	80 mm	100 mm	120 mm	160 mm	200 mm	EN 14509:2013	
Essential characteristics / Parameters	Value of parameters						
Thermal properties							
Thermal conductivity, λ_D	W/m·K	0,044					
Thermal transmittance, U_d, S	W/m ² ·K	0,54	0,43	0,36	0,27		0,22
Mechanical properties							
Compressive strength	MPa	0,055					
Tensile strength	MPa	0,050					
Reaction to fire (for all end uses)	A2-s1,d0						
Fire resistance (conditions according to classification)	EI 60	EI 60	EI 60	EI 120			
Water vapor permeability	„Impermeable”						
Air permeability	NPD						
Acoustic insulation	31(-1;-3)	31(-2;-3)	31(-2;-3)	31(-2;-3)	31(-2;-3)		
Sound absorption	NPD						
Dimensional tolerances	„Pass” (Thickness: $\pm 2\%$)						
Durability	NPD						
Dangerous substances	NPD						

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.

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DYREKTOR PRODUKCJI
Piotr Grzywa

At Gorlice, on 01.03.2021 r.

Signed for and behalf of the manufacturer by