

Sandwich panel - GS MW QA U

This declaration of performance concerns to GS MW QA U S products - Self-supporting double skin metal faced insulating panels with MINERAL WOOL core with density 85 kg/m³, thickness (outer/inner) min. 0,5 / 0,5 mm and for all organic coatings. Modular width: 1000. Facing profile: L(linear), M(microprofiling), F(wavy), R(grooving), P(smooth).

**DECLARATION OF PERFORMANCE**

no. U/MWQA/01/2023

Unique identification code of the product-type:- [no of DoP] - **GS MW QA U** [thickness d_N] [modulus: 1000] [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)**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 QA U80	GS MW QA U100	GS MW QA U120	Classification	
Thickness			modulus: 1000 mm, profil.: L,M,F,R,P / L,P				
			80 mm	100 mm	120 mm		
Essential characteristics / Parameters			Value of parameters			EN 14509:2013	
Thermal properties							
Thermal conductivity, λD		W/m·K	0,040				
Thermal transmittance, Ud,S		W/m ² ·K	0,49	0,40	0,33		
Mechanical properties							
Compressive strength		MPa	0,035				
Tensile strength		MPa	0,050				
Shear strength		MPa	0,030				
Shear modulus (core)		MPa	1,5				
for facing's thickness:			0,5/0,6 mm	0,5/0,6 mm	0,5/0,6 mm		
Bending resistance in the span	(+)	ambient temperature	kN·m	3,46	4,33		5,19
Bending resistance in the span	(-)			3,48	4,35		5,22
Bending resist. at an internal support	(+)	elevated temperature	kN·m	4,08	5,10		6,12
Bending resist. at an internal support	(-)			3,14	3,92		4,70
Bending resistance in the span	(+)	elevated temperature	kN·m	2,39	2,99		3,58
Bending resistance in the span	(-)			2,40	3,00	3,60	
Bending resist. at an internal support	(+)	elevated temperature	kN·m	2,82	3,52	4,22	
Bending resist. at an internal support	(-)			2,16	2,71	3,25	
Reaction to fire (for all end uses)			A2-s1,d0				
Fire resistance			NPD				
Water vapor permeability			„Impermeable”				
Air permeability			NPD				
Acoustic insulation			NPD				
Sound absorption			NPD				
Dimensional tolerances			„Pass”				
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.

„GÓR-STAL” Sp. z o.o.
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DYREKTOR ZAKŁADU
Piotr Grzywa

At Gorlice, on 28.04.2023

Signed for and behalf of the manufacturer by