

**DECLARATION OF PERFORMANCE**

no. S.CH/MW/08/2026

**Unique identification code of the product-type:**

 [DoP No.] - **GS MW S** [thickness  $d_N$ ] [module width] [external/internal profiling type] [external/internal facing thickness] [external/internal coating]

 [DoP No.] - **GS MW CH** [thickness  $d_N$ ] [module width] [external/internal profiling type] [external/internal facing thickness] [external/internal coating]

**Harmonised standard:** EN 14509:2013

**System/s of AVCP:** System 3

**Notified body/ies:** ICiMB (no 1487), Fires (no 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 | GS MW CH250 | Classification |            |
|---|--|-----|---|-------------|-------------|-------------|-------------|-------------|----------------|------------|
|   |  |     | modulus: 1000, 1140, profil.: L,M,F,R,P / L,P |             |             |             |             |             |                |            |
| Thickness $d_N$ :   |  |     | 80 mm   | 100 mm      | 120 mm      | 160 mm      | 200 mm      | 250 mm      |                |            |
| Essential characteristics / Parameters                                |  |     | Value of parameters                           |             |             |             |             |             |                |            |
| Thermal properties  |  |     |   |             |             |             |             |             |                |            |
| Thermal conductivity, $\lambda_D$                                     |  |     | W/m·K   |             | 0,044       |             |             |             |                |            |
| Thermal transmittance, $U_{d,S}$                                      |  |     | W/m <sup>2</sup> ·K                           |             | 0,54        | 0,43        | 0,36        | 0,27        | 0,22           | 0,17       |
| Mechanical properties   |  |     |   |             |             |             |             |             |                |            |
| Compressive strength  |  |     | MPa   |             | 0,055       |             |             |             |                |            |
| Tensile strength  |  |     | MPa   |             | 0,050       |             |             |             |                |            |
| Shear strength  |  |     | MPa   |             | 0,040       | 0,045       | 0,045       | 0,045       | 0,045          | NPD        |
| Shear modulus (core)  |  |     | MPa   |             | 2,5         | 3,5         | 3,5         | 3,5         | 3,5            | NPD        |
|   |  |     | for facing's thickness:                       |             | 0,5/0,5 mm  | 0,5/0,5 mm  | 0,5/0,5 mm  | 0,5/0,5 mm  | 0,5/0,5 mm     | 0,5/0,5 mm |
| Bending resistance in the span  |  | (+) | ambient temperature                           | kN·m        | 4,56        | 5,69        | 6,83        | 9,11        | 11,39          | 14,23      |
| Bending resistance in the span  |  | (-) |   |             | 3,80        | 4,75        | 5,70        | 7,60        | 9,50           | 11,88      |
| Bending resist. at an internal support                                |  | (+) |   |             | 4,22        | 5,28        | 6,33        | 8,44        | 10,55          | 13,19      |
| Bending resist. at an internal support                                |  | (-) |   |             | 3,97        | 4,96        | 5,96        | 7,94        | 9,93           | 12,41      |
| Bending resistance in the span  |  | (+) | elevated temperature                          | kN·m        | 2,73        | 3,42        | 4,10        | 5,47        | 6,83           | 8,54       |
| Bending resistance in the span  |  | (-) |   |             | 2,28        | 2,85        | 3,42        | 4,56        | 5,70           | 7,13       |
| Bending resist. at an internal support                                |  | (+) |   |             | 2,53        | 3,17        | 3,80        | 5,06        | 6,33           | 7,91       |
| Bending resist. at an internal support                                |  | (-) |   |             | 2,38        | 2,98        | 3,57        | 4,76        | 5,96           | 7,44       |
| Reaction to fire (for all end uses)                                   |  |     | A2-s1,d0                                      |             |             |             |             |             |                |            |
| Fire resistance (conditions according to classification - horizontal) |  |     | EI 60   | EI 120      | EI 180      |             |             | EI 240      |                |            |
| Fire resistance (conditions according to classification - vertical)   |  |     | NPD   | EI 120      |             |             |             | EI 180      |                |            |
| Water vapor permeability  |  |     | „Impermeable”                                 |             |             |             |             |             |                |            |
| Air permeability  |  |     | NPD   |             |             |             |             |             |                |            |
| Acoustic insulation   |  |     | 31(-1;-3)                                     | 31(-2;-3)   | 31(-2;-3)   | 31(-2;-3)   | 31(-2;-3)   | 31(-2;-3)   | 31(-2;-3)      |            |
| Sound absorption  |  |     | NPD   |             |             |             |             |             |                |            |
| Dimensional tolerances  |  |     | „Pass”  |             |             |             |             |             |                |            |
| Dangerous substances  |  |     | NPD   |             |             |             |             |             |                |            |

EN 14509:2013

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.

Gorlice, 11.02.2026

place and date of issue

**„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 ZAKŁADU  
  
**Piotr Grzywa**

Signed for and behalf of the manufacturer by

Annex to Declaration of Performance  
**no. S.CH/MW/08/2026**

*Product information:*

|                                   |   |
|-----------------------------------|---|
| <b>Description:</b>               | Self-supporting insulated sandwich panel with metal facings on both sides                           |
| <b>Core:</b>                      | Mineral wool, 105 kg/m <sup>3</sup>   |
| <b>Type of profiling:</b>         | L (linear), M (micro-profiling), F (corrugated), R (ribbed), P (smooth)                             |
| <b>Minimum coating thickness:</b> | 0.5 / 0.5 mm (external / internal)  |
| <b>Organic coatings:</b>          | SP25, SP35, HDX, Granit, PUR-PA, and others with a PCS ≤ 4.0 MJ/m <sup>2</sup>                      |
| <b>Steel grade:</b>               | S220GD; S250GD; S280GD; S320GD; + Z, ZM, AZ; and others with yield strength ≥ 220 N/mm <sup>2</sup> |

*CE marking information:*



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Harmonised standard: EN 14509:2013

System/s of AVCP: System 3

Notified body/ies: ICiMB (no 1487), Fires (no 1396)

Intended use/es: Internal and external walls

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

Reaction to fire (for all end uses): A2-s1,d0

Thermal conductivity, λD: 0,044 W/m·K

*Other data related to the CE marking are provided on the product label.*

*Information about the company and certified systems:*



[www.gor-stal.pl/en\\_en](http://www.gor-stal.pl/en_en)



ISO 9001  
ISO 14001



AQAP

