

| DECLARATION OF PERFORMANCE | |
|---|--|
| NR C3020 | |
| Rev. 2 | |
| Unique identification code of the product type | S460MH |
| Intended use/es | Metal structures or composite metal and concrete structures |
| Manufacturer (registered office) | Marcegaglia Poland Sp. z o.o. Ul. Kaliska 72, 46-320 Praszka - Poland |
| Production Plant | Ligota Dolna Ul. Przemysłowa 1, 46-200 Kluczbork - Poland |
| System (-s) of assessment and verification of the constancy of performance | 2+ |
| Harmonised standard | EN 10219-1:2006 |
| Notified Body (-ies) | RINA Service S.p.A. – Via Corsica, 12 – 16128 Genova - Italia 0474 |
| Certificates of Conformity for the control of the plant production have been issued for the following elements: <ul style="list-style-type: none"> initial inspection of the production plant and of the factory production control. surveillance, evaluation and regular audits of the factory production control. | |
| DECLARED PERFORMANCE | |
| Principal features | Performance |
| Dimensional Tolerances | As per EN 10219-2:2019 |
| Elongation | As per Table 1 |
| Tensile strength | |
| Yield strength | |
| Impact strength | |
| Durability | N.P.D. - possibility for hot-dip galvanizing by specifying option 1.4 at the ordering time |
| Weldability (CEV) | 0.46% max |
| 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. | |

| Table 1 – Mechanical properties | | | | | |
|---|---------------|------------------------------------|------------------------|-----------------------------|-----------------------|
| Steel grade | | Minimum yield strength R_{eH} | Tensile strength R_m | Minimum elongation % | Minimum impact energy |
| Steel name | Steel number | [MPa] | [MPa] | $L_0=5.65\sqrt{S_0}$ (a)(b) | KV in J (c)(d) |
| Nominal thickness in mm | | | | | Test temperature |
| ≤ 16 | | | | | impact energy |
| ≤ 40 | | | | | 40 |
| S460MH | 1.8849 | 460 | 530÷720 | 17 | -20° |
| a. For proportion D/T < 15 (round) and (B+H)/2T < 12,5 (square, rectangular) minimum is decreased by 2 b. For thickness < 3,0 mm the percentage elongation may be reported for a length of 80 mm or 50 mm c. Impact test, when applicable or required, shall be carried out in accordance with EN10219-1. Impact test are not required for nominal thickness < 6 mm. d. Value is suitable for 27J in temperature -30°C | | | | | |

Signed for and on behalf of Marcegaglia Poland Sp. z o.o.:

Filippo Nicoli

Marcegaglia Poland Sp. z o.o. Director

Ligota Dolna, 13.10.2025

This declaration of performance is valid only in presence of the product identification label and delivery document or of the inspection certificate issued at the delivery.