

| DECLARATION OF PERFORMANCE | | |
|---|---|--------------------------|
| NR C3011 | | |
| Rev. 4 | | |
| Unique identification code of the product type | S355J2H | |
| 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 | Harmonised specification |
| Dimensional Tolerances | As per EN 10219-2:2006 | EN 10219-1:2006 |
| Elongation | As per Table 1 | |
| Tensile strength | | |
| Yield strength | | |
| Impact strength | | |
| Durability (depending on the protection method and/or thickness of the protective coating) | Possibility for hot-dip galvanizing by specifying option 1.4 at the ordering time | |
| Weldability (CEV) | 0.45% 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 % ^(b) | Minimum impact energy | |
| Steel name | Steel number | [MPa] | [MPa] | | Lo=5.65√So | KV in J ^(c) | |
| | | Nominal thickness in mm | | | | ≤ 40 | Test temperature |
| | | ≤ 16 | < 3 | ≥ 3 ≤ 40 | | | -20° |
| S355J2H | 1.0576 | 355 | 510+680 | 470+630 | 20 ^(a) | | |
| 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. | | | | | | | |

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


Filippo Nicoli
 Marcegaglia Poland Sp. z o.o. Director

Ligota Dolna, 29.10.2018

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.