

Declaration of Performance

No. SHS-1/13 Rev.3

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| Product Type | Cold formed welded square hollow section S235JRH |
| Code of the Product Type | SHS S235JRH |
| Intended Use | Construction product |
| Manufacturer | ELASTRON SA, Ag.Ioannis Str., Ag. Ioannis, Aspropyrgos,19300, Athens, Greece |
| Verification of Constancy | System 2+ |
| Harmonised Standard Reference | EN10219-1:2006 MIRTEC SA (Notified body number: 0437) has performed initial inspection of the manufacturing plant and of factory production control (FPC), performs continuous surveillance, assessment and evaluation of FPC and issued certificate: 0437-CPR-003/18 |

| Essential Characteristic | Performance | Harmonised Technical Specification |
|----------------------------------|---|------------------------------------|
| Tolerances on Dimensions & Shape | Tables 2, 3, 4 | EN10219-2:2006 |
| Yield Strength | $\geq 235 \text{ N/mm}^2$ | EN 10219-1:2006 |
| Tensile Strength | 360-510 N/mm^2 | EN 10219-1:2006 |
| Elongation | Table A.3 | EN 10219-1:2006 |
| Impact Strength | NPD $\geq 6 \text{ mm}$ thickness, with specific inspection, $\geq 27\text{J}$ at 20°C | EN 10219-1:2006 |
| Weldability | CEV $\leq 0.35\%$ | EN 10219-1:2006 |
| Durability | Suitable for galvanising | EN 10219-1:2006 |

The performance of the product identified above is in conformity with the declared performance identified in the table. This declaration of performance is issued in accordance with regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

On behalf of the manufacturer
Aspropyrgos 18/12/18

Sinapis Mavroidis
Technical Director



Tsironis Petros
Quality Manager

